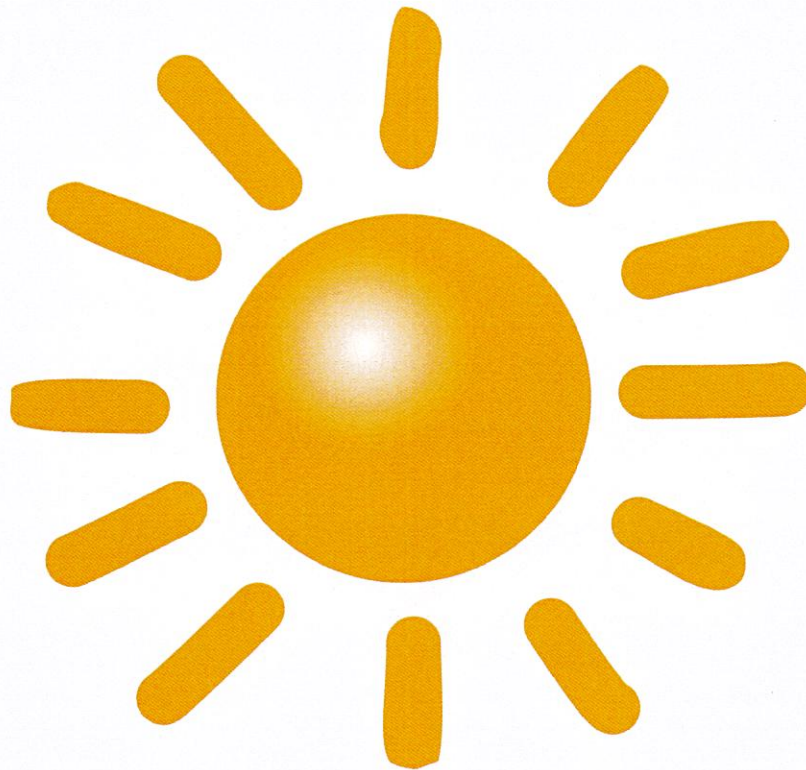


Name \_\_\_\_\_

## Summer Resource Assignments



Incoming 7th Grade

ELA & Math Skills Review

Due on the 1st day of school

PS: Don't forget to complete your novel assignments as well!

# WEEK 1

## SUMMER PRACTICE

### EXPRESSING RATIOS

DAY  
1

1. A school has an enrollment of 600 students. 330 of the students are girls. Express the fraction of students who are boys in simplest terms.

- (A)  $\frac{12}{20}$
- (B)  $\frac{11}{20}$
- (C)  $\frac{9}{20}$
- (D)  $\frac{13}{20}$

2. In the 14th century, the Sultan of Brunei noticed that his ratio of emeralds to rubies was the same as the ratio of diamonds to pearls. If he had 85 emeralds, 119 rubies, and 45 diamonds, how many pearls did he have?

- (A) 17
- (B) 22
- (C) 58
- (D) 63

3. Mr. Fullingham has 75 geese and 125 turkeys. What is the ratio of the number of geese to the total number of birds in simplest terms?

- (A) 75:200
- (B) 3:8
- (C) 125:200
- (D) 5:8

4. Write the ratio that correctly describes the number of white stars compared to the number of gray stars. Write your answer in the box below.



As it poured outside, I settled down by the window to watch the rain. The green park opposite my house looked even more green and fresh than usual. Strong winds shook the branches of the tall trees. Some of the branches swayed so hard in the strong winds that I thought they would break.

5. Why is the author using such clear descriptions?

- (A) just to say that it was raining hard
- (B) creating imagery to show the reader what that moment was like
- (C) to tell us that the wind was blowing
- (D) to explain what the trees look like when it rains

### The Forest's Sentinel

Read the poem below and answer the questions that follow.

At night, when all is still  
The forest's sentinel  
Glides silently across the hill  
And perches in an old pine tree,  
A friendly presence his!  
No harm can come  
From night bird on the prowl.  
His cry is mellow,  
Much softer than a peacock's call.  
Why then this fear of owls  
Calling in the night?  
If men must speak,  
Then owls must hoot-  
They have the right.  
On me it casts no spell:  
Rather, it seems to cry,  
"The night is good- all's well, all's well."  
- RUSKIN BOND

6. From what point of view is the above poem?

- (A) First person point of view - from the owl's perspective
- (B) 3rd person point of view - from an unknown bystander or the author
- (C) First person point of view - from another animal's perspective
- (D) None of the above

7 According to the above poem when does the Owl come out?

- (A) At night
- (B) At dawn
- (C) At dusk
- (D) At noon

### Excerpt from Arabian Nights, Aladdin

**Read the story below and answer the questions that follow.**

After these words, the magician drew a ring off his finger, and put it on one of Aladdin's, telling him that it was a preservative against all evil, while he should observe what he had prescribed to him. After this instruction he said: "Go down boldly, child, and we shall both be rich all our lives."

Aladdin jumped into the cave, descended the steps, and found the three halls just as the African magician had described. He went through them with all the precaution the fear of death could inspire; crossed the garden without stopping, took down the lamp from the niche, threw out the wick and the liquor, and, as the magician had desired, put it in his vestband. But as he came down from the terrace, he stopped in the garden to observe the fruit, which he only had a glimpse of in crossing it. All the trees were loaded with extraordinary fruit, of different colors on each tree. Some bore fruit entirely white, and some clear and transparent as crystal; some pale red, and others deeper; some green, blue, and purple, and others yellow: in short, there were fruits of all colors. The white were pearls; the clear and transparent, diamonds; the deep red, rubies; the green, emeralds; the blue, turquoises; the purple, amethysts; and those that were of yellow cast, sapphires. Aladdin was altogether ignorant of their worth, and would have preferred figs and grapes, or any other fruits. But though he took them only for a coloured glass of little value, yet he was so pleased with the

variety of the colors, and the beauty and extraordinary size of the seeming fruit, that he resolved to gather some of every sort; and accordingly filled the two new purses his uncle had bought for him with his clothes. Some he wrapped up in the skirts of his vest, which was of silk, large and full, and he crammed his bosom as full as it could hold.

Aladdin, having thus loaded himself with riches, returned through the three halls with the same precaution, made all the haste he could, that he might not make his uncle wait, and soon arrived at the mouth of the cave, where the African magician expected him with the utmost impatience. As soon as Aladdin saw him, he cried out: "Pray, uncle, lend me your hand, to help me out." "Give me the lamp first," replied the magician; "it will be troublesome to you." "Indeed, uncle," answered Aladdin, "I cannot now; it is not troublesome to me: but I will as soon as I am up." The African magician was so obstinate, that he would have the lamp before he would help him up; and Aladdin, who had encumbered himself so much with his fruit that he could not well get at it, refused to give it to him till he was out of the cave. The African magician, provoked at this obstinate refusal, flew into a passion, threw a little of his incense into the fire, which he had taken care to keep in, and no sooner pronounced two magical words, than the stone which had closed the mouth of the cave moved into its place, with the earth over it in the same manner as it lay at the arrival of the magician and Aladdin.

8. What did the magician put on one of Aladdin's fingers? Write your answer in the box below.

**DAY**  
**1**

## CHALLENGE YOURSELF!

- ✓ Expressing Ratios
- ✓ Analysis of Key Events and Ideas



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## UNIT RATES

DAY  
2

Which is a better price: 5 for \$1.00, 4 for 85¢, 2 for 25¢, or 6 for \$1.10?

- (A) 5 for \$1.00
- (B) 4 for 85¢
- (C) 2 for 25¢
- (D) 6 for \$1.10

At grocery Store A, 5 cans of baked beans cost \$3.45. At grocery Store B, 7 cans of baked beans cost \$5.15. At grocery Store C, 4 cans of baked beans cost \$2.46. At grocery Store D, 3 cans of baked beans cost \$4.00. How much money would you save if you bought 20 cans of baked beans from grocery store C than if you bought 20 cans of baked beans from grocery store D?

- (A) \$1.75
- (B) \$1.25
- (C) \$1.50
- (D) 95¢

Beverly drove from Atlantic City to Newark. She drove for 284 miles at a constant speed of 68 mph. How long did it take Beverly to complete the trip?

- (A) 4 hours and 45 minutes
- (B) 4 hours and 54 minutes
- (C) 4 hours and 8 minutes
- (D) 4 hours and 89 minutes

The bag of apples shown in the picture, costs \$3.20. The cost of one apple is \_\_\_\_\_.



Sarah's mother told her to carry an umbrella on that Thursday morning before she left home for school, but Sarah did not want to do that. She already had her backpack and a gift for her friend to take with her. She just did not think it was necessary.

5. What can you infer about Sarah?

- (A) She is stubborn and only wants to do things if they seem right to her.
- (B) She does not like her mother.
- (C) She doesn't like getting wet.
- (D) She is a very obedient child.

6. What can you infer about the weather on that Thursday morning?

- (A) It was raining
- (B) It was snowing
- (C) It was going to rain
- (D) It was a warm day

The boy returned home a little late from school. He threw his coat as he walked in. He walked past his parents without greeting them. He headed straight to his room, slamming the door after him. He threw himself face down on his bed and lay there.

7. How is he feeling?

- (A) very delighted
- (B) very disappointed
- (C) very scared
- (D) very excited

The leaves were changing colors and there were pumpkins in people's yards.

8. Which season is being described in this line?

DAY  
2

## CHALLENGE YOURSELF!

- ✓ Unit Rates
- ✓ Conclusions Drawn from the Text



[www.lumoslearning.com/a/dc6-2](http://www.lumoslearning.com/a/dc6-2)



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1. How many kilograms are there in 375 grams?

- (A) 3,750 kg
- (B) 37.5 kg
- (C) 3.75 kg
- (D) 0.375 kg

2. How many inches are there in 2 yards?

- (A) 24 in
- (B) 36 in
- (C) 48 in
- (D) 72 in

3. What is 50% of 120?

- (A) 50
- (B) 60
- (C) 70
- (D) 55

4. Look at the ratio information found in the table below. Complete the table by correctly filling in the missing information.

Feet	Yards
3	1
6	
	3
15	5
24	

5. Select the concluding sentence that most completely summarizes the argument in the passage.

I always try to do what I have promised to do. If I say I will arrive at 5:15, I try to be there at 5:15. I don't lie or deliberately withhold information. I don't try to trick or confuse others. My friends trust me with their secrets, and I don't tell them to anyone else. I understand that you are looking for a trustworthy employee.

- (A) If you are looking for an employee who doesn't lie, then you should hire me.
- (B) If you are looking for an employee who needs to be at work at 5:15, then you should hire me.
- (C) If you are looking for a trustworthy person, you should hire me.
- (D) I believe I would make a very good employee and would love to be considered for a position at your company.

6. Select the concluding sentence that most completely summarizes the argument in the passage.

If I am chosen to be class president, I will represent you on the Student Council. I will listen to your requests and be sure that they are heard. I will show up for meetings. I will try to make our school a better place.

- (A) If you vote for me, I will be a good class president.
- (B) I am a good leader.
- (C) I will work towards scrapping exams.
- (D) The food in the cafeteria is awful.

7. Select the concluding sentence that most completely summarizes the argument in the passage.

Cats do not require as much attention as dogs. Dogs love you, and they want you to love them back. Cats are independent creatures. They don't need to be petted all the time. If you go on vacation for a few days, your dog may get lonely and refuse to eat, but your cat won't care.

- (A) If you really want a pet, it would be a good idea to get a cat and a dog.
- (B) If you don't have a lot of time to care for a pet, a dog is a better choice for you than a cat.
- (C) Vacations are a good idea if you have a cat as a pet.
- (D) If you don't have a lot of time to care for a pet, a cat is a better choice for you than a dog.

**Read the story below and answer the questions that follow.**

After these words, the magician drew a ring off his finger, and put it on one of Aladdin's, telling him that it was a preservative against all evil, while he should observe what he had prescribed to him. After this instruction he said: "Go down boldly, child, and we shall both be rich all our lives."

Aladdin jumped into the cave, descended the steps, and found the three halls just as the African magician had described. He went through them with all the precaution the fear of death could inspire; crossed the garden without stopping, took down the lamp from the niche, threw out the wick and the liquor, and, as the magician had desired, put it in his vest band. But as he came down from the terrace, he stopped in the garden to observe the fruit, which he only had a glimpse of in crossing it. All the trees were loaded with extraordinary fruit, of different colors on each tree. Some bore fruit entirely white, and some clear and transparent as crystal; some pale red, and others deeper; some green, blue, and purple, and others yellow: in short, there were fruits of all colors. The white were pearls; the clear and transparent, diamonds; the deep red, rubies; the green, emeralds; the blue, turquoises; the purple, amethysts; and those that were of yellow cast, sapphires. Aladdin was altogether ignorant of their worth, and would have preferred figs and grapes, or any other fruits. But though he took them only for colored glass of little value, yet he was so pleased with the variety of the colors, and the beauty and ex-

traordinary size of the seeming fruit, that he resolved to gather some of every sort; and accordingly filled the two new purses his uncle had bought for him with his clothes. Some he wrapped up in the skirts of his vest, which was of silk, large and full, and he crammed his bosom as full as it could hold.

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The African magician, provoked at this obstinate refusal, flew into a passion, threw a little of his incense into the fire, which he had taken care to keep in, and no sooner pronounced two magical words, than the stone which had closed the mouth of the cave moved into its place, with the earth over it in the same manner as it lay at the arrival of the magician and Aladdin.

8. The ring was a \_\_\_\_\_ against all evil. Write your answer in the box below.

**DAY  
3**

## CHALLENGE YOURSELF!

- ✓ Solving Real World Ratio Problems
- ✓ Development of Ideas



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## SOLVING UNIT RATE PROBLEMS

DAY  
4

1. A 12 pack of juice pouches costs \$6.00. How much does one juice pouch cost?

- (A) \$0.02
- (B) \$0.20
- (C) \$0.50
- (D) \$0.72

2. Eli can ride his scooter 128 miles on one tank of gas. If the scooter has a 4 gallon gas tank, how far can Eli ride on one gallon of gas?

- (A) 64 miles per gallon
- (B) 32 miles per gallon
- (C) 512 miles per gallon
- (D) 20 miles per gallon

3. Clifton ran 6 miles in 39 minutes. At this rate, how much time Clifton takes to run one mile?

- (A) 13 minutes
- (B) 12 minutes
- (C) 7.2 minutes
- (D) 6 minutes and 30 seconds

4. John paid \$15 for 3 cheeseburgers. What is the rate of one cheeseburger? Enter your answer in the box below.

\$

**Read the story below and answer the questions that follow.**

One evening, long after most people had gone to bed, a friend and I were making our way merrily back home through the silent and almost deserted streets. We had been to a musical show and were talking about the actor we had seen and heard in it.

"That show made him a star overnight," said my friend about one of the actors. "He was completely unknown before and now thousands of teenagers send him chocolates and love letters through the mail."

"I thought he was quite good," I said, "but not worth thousands of love letters daily. As a matter of fact, one of his songs gave me a pain."

"What was that?" my friend asked. "Sing to me." I burst into a parody of the song.

"Be quiet for heaven's sake!" My friend gave me an astonished look. "You'll give everybody a fright and wake people up for miles around."

"Never mind," I said, intoxicated with the sound of my own voice. "I don't care. How does it matter?"

And I went on singing the latest tunes at the top of my voice.

Presently there came behind us the sound of heavy footsteps and before you could say "Jack Robinson" a policeman was standing in front of me, his notebook open, and a determined look on his face.

"Excuse me, sir," he said. "You have a remarkable voice, if I may say so. Who taught you to sing? I'd very much like to find someone who can give my daughter singing lessons. Would you be kind enough to tell me your name and address? Then my wife or I can drop you a line and discuss the matter."

**5. What probably happened at the end of the story?**

- (A) Both the friends went home and had dinner
- (B) The writer gave the policeman his name and address.
- (C) The policeman arrested both the friends
- (D) They went to see another musical show

**6. By reading this you can conclude that \_\_\_\_\_?**

Thomas is on the football team, the basketball team, and the hockey team. He even likes to run when he has free time.



**7. What can you conclude about climbing a ladder?**

Michael decided to climb a ladder to get his frisbee that landed on the roof. His father always told him to be careful when using a ladder because ladders were dangerous. Michael put on his bike helmet, asked his friend to hold the ladder, and put one hand in front of the other while climbing, never letting go of the ladder.

- (A) It is a lot of fun.
- (B) It is easy if you know what to do.
- (C) You should only climb a ladder if you are over 13 years old.
- (D) It can be very dangerous.

**8. What sentence below most closely agrees with these sentences?**

On the first day of school there are many supplies that a student needs. Every student needs a notebook, pencils, pens, highlighters, and the most important, a calendar.

- (A) All of these items help a student stay organized throughout the year.
- (B) These items are only helpful for students who enjoy math.
- (C) These items are expensive, so only buy a few of them.
- (D) You may not need all these items to stay organized.

**DAY  
4**

**CHALLENGE YOURSELF!**

- ✓ Solving Unit Rate Problems
- ✓ Summary of Text



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1. What is 25% of 24?

- (A) 5
- (B) 6
- (C) 11
- (D) 17

2. What is 15% of 60?

- (A) 9
- (B) 12
- (C) 15
- (D) 25

3. 9 is what percent of 72?

- (A) 7.2%
- (B) 8%
- (C) 12.5%
- (D) 14%

4. The following items were bought on sale. Complete the missing information.

Item Purchased	Original Price	Amount of Discount	Amount Paid
Video Game	\$80	20%	
Movie Ticket	\$14		\$11.20
Laptop	\$1,000		\$750
Shoes	\$55.00	10%	\$49.5

Read the story below and answer the questions that follow.

One evening, long after most people had gone to bed, a friend and I were making our way merrily back home through the silent and almost deserted streets. We had been to a musical show and were talking about the actor we had seen and heard in it.

"That show made him a star overnight," said my friend about one of the actors. "He was completely unknown before and now thousands of teenagers send him chocolates and love letters through the mail."

"I thought he was quite good," I said, "but not worth thousands of love letters daily. As a matter of fact, one of his songs gave me a pain."

"What was that?" my friend asked. "Sing to me." I burst into a parody of the song.

"Be quiet for heaven's sake!" My friend gave me an astonished look. "You'll give everybody a fright and wake people up for miles around."

"Never mind," I said, intoxicated with the sound of my own voice. "I don't care. How does it matter?"

And I went on singing the latest tunes at the top of my voice.

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"Excuse me, sir," he said. "You have a remarkable voice, if I may say so. Who taught you to sing? I'd very much like to find someone who can give my daughter singing lessons. Would you be kind enough to tell me your name and address? Then my wife or I can drop you a line and discuss the matter."

5 Who are the three characters in the above passage?

- (A) the writer, the writer's friend, and the actor
- (B) the writer, the writer's friend, and the singer
- (C) the neighbors, the policeman, and his friend
- (D) the writer, the writer's friend, and the policeman

6 Who were the writer and his friend referring to when they were talking and said "his songs"?

- (A) their neighbors
- (B) the policeman
- (C) the actor who sang in the musical show
- (D) the friend

7. A character trait of the father is \_\_\_\_\_

- Ⓐ Nervous
- Ⓑ Scared
- Ⓒ Carefree
- Ⓓ Selfless

**Excerpt from Arabian Nights: Aladdin**

**Read the story below and answer the questions that follow.**

After these words, the magician drew a ring off his finger, and put it on one of Aladdin's, telling him that it was a preservative against all evil, while he should observe what he had prescribed to him. After this instruction he said: "Go down boldly, child, and we shall both be rich all our lives."

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traordinary size of the seeming fruit, that he resolved to gather some of every sort; and accordingly filled the two new purses his uncle had bought for him with his clothes.

Some he wrapped up in the skirts of his vest, which was of silk, large and full, and he crammed his bosom as full as it could hold.

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Why did the magician get angry with Aladdin on his return?  
Write your answer in the box below

**DAY**  
**5**

## CHALLENGE YOURSELF!

- ✓ Finding Percent
- ✓ Characters Responses and Changes



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# WEEK 2 SUMMER PRACTICE

## MEASUREMENT CONVERSION



Owen is 69 inches tall. How tall is Owen in feet?

- (A) 5.2 feet
- (B) 5.75 feet
- (C) 5.9 feet
- (D) 6 feet

What is 7 gallons 3 quarts expressed as quarts?

- (A) 4.75 quarts
- (B) 28 quarts
- (C) 29.2 quarts
- (D) 31 quarts

How many centimeters in 3.7 kilometers?

- (A) 0.000037 cm
- (B) 0.037 cm
- (C) 3700 cm
- (D) 370,000 cm

Use the chart provided to fill in the missing values in the table below.

1 L	1000 ml
1 g	1000 mg
1 m	1000 mm

3	L		ml
	g	5000	mg
	m	8000	mm
12	L		ml
20	g		mg



5. Choose the sentence below that is closest in meaning to the figurative expression.

Edgar was dead to the world when we got home.

- (A) Edgar was asleep when we got home.
- (B) Edgar was not moving or breathing.
- (C) Edgar had a head injury and was unconscious.
- (D) Edgar was not at home.

6. Choose the sentence below that is closest in meaning to the figurative expression.

You'd better go home; you're in hot water.

- (A) You'd better go home; you're in trouble
- (B) You'd better go home; you'll find hot water there.
- (C) You'd better go home; you are sweating.
- (D) You'd better go home and drink hot water.

7. Choose the sentence below that is closest in meaning to the figurative expression.

He put all the papers in the circular file.

- (A) He put the papers in the wastebasket.
- (B) He rolled up all the papers.
- (C) He put the papers in the round file cabinet.
- (D) He put the papers on the circular table.

8. Choose the sentence below that is closest in meaning to the figurative expression.

Don't bug me!

- (A) Don't bother me.
- (B) Don't sneak.
- (C) Don't tell me anything about yourself.
- (D) Don't try to get the better of me.

**DAY  
1****CHALLENGE YOURSELF!**

Measurement Conversion



Figurative Words and Phrases

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1. What is the quotient of 20 divided by one-fourth?

- Ⓐ 80
- Ⓑ 24
- Ⓒ 5
- Ⓓ 15

2. Calculate:  $1\frac{1}{2} \div \frac{3}{4} =$

- Ⓐ 4
- Ⓑ  $\frac{1}{2}$
- Ⓒ  $\frac{3}{4}$
- Ⓓ 2

3. Calculate:  $3\frac{2}{3} \div 2\frac{1}{6} =$

- Ⓐ  $\frac{8}{13}$
- Ⓑ  $\frac{12}{13}$
- Ⓒ  $1\frac{5}{13}$
- Ⓓ  $1\frac{9}{13}$

4. Fill in the blank.

$$\frac{1}{2} \div 4 = \underline{\hspace{1cm}}?$$

## CONNOTATIVE WORDS AND PHRASES

### 5. Choose the best word to complete each sentence.

My friend is very careful about spending money. I admire that, so I call him \_\_\_\_\_.

- (A) Thrifty
- (B) Stingy
- (C) Miserly
- (D) Selfish

### 6. Choose the best word to complete each sentence.

My friend is very careful about spending money. I don't like that trait, so I call him \_\_\_\_\_.

- (A) Thrifty
- (B) Stingy
- (C) Rude
- (D) Mean

### 7. Choose the best word to complete each sentence.

I admire the man who jumped on the subway tracks to rescue a stranger. He was certainly \_\_\_\_\_.

- (A) Foolhardy
- (B) Undecided
- (C) Courageous
- (D) Stupid

### 8. What word describes this girl's behaviors?

The little girl threw her dolls all over her room, took her crayons and drew on the wall of her bedroom, and even pulled the dog's tail.

- (A) snotty
- (B) bratty
- (C) nervous
- (D) happy

**DAY  
2**

## CHALLENGE YOURSELF!

- ✓ Division of Fractions
- ✓ Connotative Words and Phrases



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12 players got an award of \$1,800 for winning a championship football game. If the captain of the team is allowed to keep \$315, how much money would each of the other players get? (Assume they split it equally.)

- (A) \$135
- (B) \$125
- (C) \$150
- (D) \$123.75

Joe gets a salary of \$125 per week. He wants to buy a new television that costs \$3,960. If he saves \$55 per week, which of the following expressions could he use to figure out how many weeks it will take him to save up enough money to buy the new TV?

- (A)  $\$3,960 \div (\$125 - \$55)$
- (B)  $\$3,960 - (\$125)(\$55)$
- (C)  $(\$3,960 \div \$125) \div \$55$
- (D)  $\$3,960 \div \$55$

Anya typed 9,000 words in two hours. How many words per minute did she type?

- (A) 4,500 words per minute
- (B) 150 words per minute
- (C) 75 words per minute
- (D) 38 words per minute

Fill in the blank.

$$40,950 \div \underline{\hspace{1cm}} = 26$$

Read the passage below and answer the questions that follow.

"That show made him a star overnight", said my friend about one of the actors. "He was completely unknown before. And now thousands of teenagers send him chocolates and love letters in the mail."

5. What does the above paragraph mean?

- (A) that the actor had poor acting skills
- (B) that the actor had come to fame recently
- (C) that nobody likes him now
- (D) none of the above

Read the poem below and answer the questions that follow.

The forest's sentinel  
Glides silently across the hill  
And perches in an old pine tree,  
A friendly presence his!  
No harm can come  
From night bird on the prow.  
His cry is mellow,

Much softer than a peacock's call.  
Why then this fear of owls  
Calling in the night?  
If men must speak,  
Then owls must hoot-  
They have the right.  
On me it casts no spell:  
Rather, it seems to cry,  
"The night is good- all's well, all's well."

– RUSKIN BOND

6. What is the poet talking about in the first stanza?

- (A) how the owl comes out into the night
- (B) how the owl catches its prey
- (C) how the owl is looking into the dark night
- (D) how the owl walks

What is he saying about the owl?

- ☐ A He is comparing the owl to a sentinel
- ☐ B He is describing the flight of the owl
- ☐ C He is saying that the owl is friendly and harmless
- ☐ D All of the above

Read the passage below and answer the questions that follow.

Samantha was on the track team and was trying to perform her personal best in the high jump. She jumped 4 feet and made it over with ease. She then attempted her personal best at 5 feet, but did not make it on her first attempt. She tried four more times and, on the fifth try, she made it!

What is the meaning of this passage?

- ☐ A Keep trying to perform your personal best even if you fail the first time.
- ☐ B Only try something five times.
- ☐ C If you fail to perform your personal best, you may not succeed, even if you try again.
- ☐ D The faster you run, the higher you can go.

DAY  
3

## CHALLENGE YOURSELF!

- ✓ Division of whole Numbers
- ✓ Meaning of Words and Phrases



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## OPERATIONS WITH DECIMALS

DAY  
4

1. Three friends went out to lunch together. Ben got a meal that cost \$7.25, Frank got a meal that cost \$8.16, and Herman got a meal that cost \$5.44. If they split the check evenly, how much did they each pay for lunch? (Assume no tax.)

(A) \$6.95  
(B) \$7.75  
(C) \$7.15  
(D) \$6.55

2. Which of these is the standard form of twenty and sixty-three thousandths?

(A) 20.63000  
(B) 20.0063  
(C) 20.63  
(D) 20.063

3. Mr. Zito bought a bicycle for \$160. He spent \$12.50 on repair charges. If he sold the same bicycle for \$215, what would his profit be on the investment?

(A) \$ 147.50  
(B) \$ 42.50  
(C) \$ 67.50  
(D) \$ 55.00

4. Fill in the blank.

$$7.1 \times 3.2 = \underline{\hspace{2cm}}$$

**Read the story below and answer the questions that follow.**

The sky was dark and overcast. It had been raining all night long and there was no sign of it stopping. I thought that my Sunday would be ruined. As it poured outside, I settled down by the window to watch the rain. The park opposite my house looked even more green and fresh than usual. The branches of the tall trees swayed so hard in the strong wind that I thought they would break. A few children were splashing about in the mud puddles and having a wonderful time. I wished I could join

them too! There were very few people out on the road and those who were hurried on their way, wrapped in raincoats and carrying umbrellas.

My mother announced that lunch was ready. It was piping hot and very welcoming in the damp weather. We spent the afternoon listening to music and to the downpour outside.

In the evening we chatted and made paper boats that we meant to sail in the stream of water outside. It was not a bad day after all!

**5 What is the setting of the above story?**

- (A) The home of the writer
- (B) The park
- (C) The writer's village
- (D) The writer's office

**Read the story below and answer the questions that follow.**

One evening, long after most people had gone to bed, a friend and I were making our way merrily back home through the silent and almost deserted streets. We had been to a musical show and were talking about the actor we had seen and heard in it.

"That show made him a star overnight," said my friend about one of the actors. "He was completely unknown before and now thousands of teenagers send him chocolates and

love letters through the mail."

"I thought he was quite good," I said, "but not worth thousands of love letters daily. As a matter of fact, one of his songs gave me a pain."

"Which was that?" my friend asked. "Sing to me." I burst into a parody of the song.

"Be quiet for heaven's sake!" My friend gave me an astonished look. "You'll give everybody a fright and wake people up for miles around."

**6 What detail in the above story tells us that it took place late in the night?**

- (A) We had been to a musical show
- (B) "Be quiet for heaven's sake."
- (C) One evening, long after most people had gone to bed
- (D) And I went on singing the latest tunes at the top of my voice

**Read the passage below and answer the questions that follow.**

The thieves intended to rob the bank around dinner time. They figured most people would be home eating with their families, so it would be easy for them to get in and out of the big green and gold bank.

**7. What is the setting of the story?**

- Ⓐ The bank on Green Street
- Ⓑ The bank on Green Street at 7 pm
- Ⓒ The green and gold bank at dinner time
- Ⓓ The green and gold bank in the morning

**Read the passage below and answer the questions that follow.**

Tom looked out his window as he spoke on the phone with his mother. He told her about his day and the new job he just was offered. When Tom talked on the phone, he often looked out the window and would see Thomas Jefferson's monument. It was amazing that he lived in a city with so many beautiful, historical monuments, the White House and the U.S. Capitol.

**8. Where does Tom live?**

- Ⓐ New York City
- Ⓑ Washington State
- Ⓒ Delaware
- Ⓓ Washington, D.C.

**DAY  
4**

**CHALLENGE YOURSELF!**

- ✓ Operations with Decimals
- ✓ Develop Setting



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1 Which of these statements is true of the number 17?

- Ⓐ It is a factor of 17.
- Ⓑ It is a multiple of 17.
- Ⓒ It is prime.
- Ⓓ All of the above are true.

2 What are the single digit prime numbers

- Ⓐ 2, 3, 5, and 7
- Ⓑ 1, 2, 3, 5, and 7
- Ⓒ 3, 5, and 7
- Ⓓ 1, 3, 5, and 7

3 Which of the following sets below contains only prime numbers?

- Ⓐ 7, 11, 49
- Ⓑ 7, 37, 51
- Ⓒ 7, 23, 47
- Ⓓ 2, 29, 93

4 Fill in the blank.

The Greatest Common Factor (GCF) of 24, 36, and 48 is \_\_\_\_\_.

Read the passage below and answer the questions that follow.

In the original version of the story "The Three Little Pigs," the wolf chases the pigs and says he will huff and puff and blow their houses down.

The following paragraph is a different interpretation.

I've always been misunderstood. I'm allergic to hay. I can't help it that when I'm near hay, I huff and I puff and I sometimes blow things down. Also, I'm a vegetarian so I would never eat a pig! No one has any reason to be afraid of me, but sometimes they are. What happened to those poor little pigs is sad, but it was their own fault.

5. Who is talking in this passage?

6. How is the narrator's point of view different from the traditional one?

- (A) He claims that he had no intention of blowing down the pigs' houses or of eating them, but that his allergies were at fault.
- (B) He claims that he had no intention of blowing down the pigs' house, but wanted to eat them up.
- (C) He claims that he had no intention of blowing down the pigs' houses or of eating them, but he just wanted to scare them.
- (D) He claims that another wolf blew the pigs' houses down and blamed it on him.

7. Why does the narrator claim to have been misunderstood?

- (A) Because everyone has regarded him as a bully who wants to occupy weaker animals' houses.
- (B) Because everyone has regarded him as a pig-killing villain when he had no such intention.
- (C) Because everyone has regarded him sick and allergy-ridden.
- (D) Because he is evil.

What point of view is this from?

I was shaking like a leaf. My palms were sweaty and I was so nervous about my presentation.

- Ⓐ Third person omniscient
- Ⓑ Second person
- Ⓒ First person
- Ⓓ Third person

**DAY  
5**

## CHALLENGE YOURSELF!

- ✓ Using common factors
- ✓ Author's Purpose in a Text



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# WEEK 3

## SUMMER PRACTICE

### POSITIVE AND NEGATIVE NUMBERS

DAY  
1

1. Larissa has  $4\frac{1}{2}$  cups of flour. She is making cookies using a recipe that calls for  $2\frac{3}{4}$  cups of flour. After baking the cookies how much flour will be left?

Ⓐ  $2\frac{3}{4}$  cups

Ⓑ  $2\frac{1}{4}$  cups

Ⓒ  $2\frac{3}{8}$  cups

Ⓓ  $1\frac{3}{4}$  cups

2. The accounting ledger for the high school band showed a balance of \$2,123. They purchased new uniforms for a total of \$2,400. How much must they deposit into their account in order to prevent it from being overdrawn?

- Ⓐ \$382  
Ⓑ \$462  
Ⓒ \$4,000  
Ⓓ \$277

3. Juan is climbing a ladder. He begins on the first rung, climbs up four rungs, but then slides down two rungs. What rung is Juan on?

- Ⓐ 2  
Ⓑ 3  
Ⓒ 4  
Ⓓ 5

4. On a number line, how far apart are -27 and 30? Write your answer in the box below.

**Read the passage below and answer the questions that follow.**

If your actions inspire others to dream more, learn more, do more and become more, you are a leader. - John Quincy Adams

The key to successful leadership today is influence, not authority.- Kenneth Blanchard

**5 Pick the right statement that brings out the meaning of the above quotations.**

- Ⓐ Adams talks about actions, whereas Blanchard talks of authority.
- Ⓑ Adams talks about leadership by inspiration, whereas Blanchard talks of leadership by influence.
- Ⓒ Adams talks about inspiration, whereas Blanchard talks of influence.
- Ⓓ Adams talks about leadership, whereas Blanchard talks of success.

**Read the following passage and answer the question that follows.**

The square is probably the best known of the quadrilaterals. It is defined as having all sides equal. All its interior angles are right angles ( $90^\circ$ ). From this it follows that the opposite sides are also parallel. A square is simply a specific case of a regular polygon, in this case with 4 sides. All the facts and properties described for regular polygons apply to a square.

The rectangle, like the square, is one of the most commonly known quadrilaterals. It is defined as having all four interior angles  $90^\circ$  (right angles). The opposite sides of a rectangle are parallel and congruent.

**6 A similarity between a square and rectangle is that \_\_\_\_\_.**

- Ⓐ all the sides are equal in both the figures
- Ⓑ only opposite sides are equal in both the figures
- Ⓒ all the interior angles are right angles
- Ⓓ none of the angles are right angles

**7 Fill in the Blank**

A difference between a square and rectangle is that \_\_\_\_\_.

Please read the passage below and answer the question that follows.

When you wash dishes you want to make sure you use soap to scrub the dirt off and make sure you rinse them clean after.

8. Which of the tasks below are similar to washing dishes?

- Ⓐ Cleaning your house
- Ⓑ Washing the laundry
- Ⓒ Folding your clothes
- Ⓓ Cooking dinner

DAY  
1

## CHALLENGE YOURSELF!

- ✓ Positive and Negative Numbers
- ✓ Compare Authors Writing to Another



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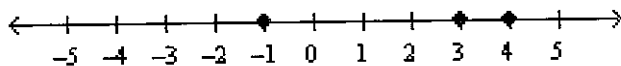
1 Which of these numbers would be found closest to 0 on a number line?

- (A) -5
- (B)  $-5\frac{1}{2}$
- (C)  $4\frac{1}{2}$
- (D) -4

2 On a number line, how far apart are the numbers -5.5 and 7.5?

- (A) 13 units
- (B) 12 units
- (C) 12.5 units
- (D) 2 units

3 Which numbers does the following number line represent?



- (A)  $\{-2, 0, 5\}$
- (B)  $\{-3, -1, 4\}$
- (C)  $\{-1, 3, 5\}$
- (D)  $\{-1, 3, 4\}$

4 Which number(s) have a value lower than 3? Select all that apply.

- (A) -5
- (B) 6
- (C) -18
- (D) -23
- (E) 4

Read the passage below and answer the questions that follow.

Everywhere around us, there are millions of tiny living things called germs. They are so tiny that they can be seen only under the most powerful microscope. Some of these germs are no wider than twenty-five thousandths of an inch!

Louis Pasteur, the great French scientist, was the first to prove that germs exist. The germs in the air can be counted. The number of germs around us, especially in crowded rooms, is tremendous. Certain scientists counted 42,000 germs in approximately one cubic meter of air in a picture gallery when it was empty. But when the gallery was crowded with people, they found nearly 5,000,000 germs in the same place. In the open air germs are less abundant. There are fewer germs in country air than in town air. We see at once how important it is, therefore, to live as much as possible in the open air, and for the rooms we live in to always be well ventilated by fresh air.

5. According to the passage, where will you find more germs?

- (A) In crowded spaces
- (B) In the country
- (C) In hospitals
- (D) In empty rooms

6. Which of the following statements can be concluded after reading the passage?

- (A) Louis Pasteur liked counting germs.
- (B) Germs are too small to be seen.
- (C) People have germs.
- (D) Fresher air has fewer germs.

Read the passage below and answer the questions that follow.

Michael Jordan was the greatest basketball player of all time. When he played for the Chicago Bulls, they had one winning season after another. He scored more than 100 points in 1,108 games and won two Olympic gold medals, and was ranked #1 by ESPN Magazine. Chosen for the NBA All Stars 14 times, Jordan was ten times the scoring champ, five times the Most Valuable Player, and six times the scoring champ of the NBA. When he began losing his hair, he shaved his head completely and started a fashion trend for other players. He was chosen to make an animated movie called "Space Jam" with Bugs Bunny. No other player has come close to those achievements.

7. Why did the author write this passage about Michael Jordan?

- (A) To tell about how Michael Jordan made a movie with Bugs Bunny.
- (B) To show what a great basketball player Michael Jordan is.
- (C) To give reader's Michael Jordan's life story.
- (D) To tell people what it is like to be a famous basketball player.

Read the passage below and answer the questions that follow.

How does the body know to breathe and move?

The central nervous system tells the body what to do.

The nervous system is made up of nerves, the spinal cord and the brain.

8. From the above lines, we can infer that the nervous system is the \_\_\_\_\_ of the human body.

Fill in the blank by choosing the correct option from among the 4 options given below.

- (A) digesting system
- (B) breathing system
- (C) circulatory system
- (D) control system

**DAY  
2**

## CHALLENGE YOURSELF!

- ✓ Representing Negative Numbers
- ✓ Cite Textual Evidence to Support Analysis

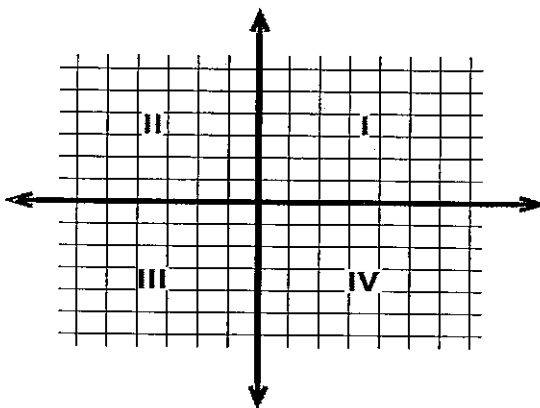


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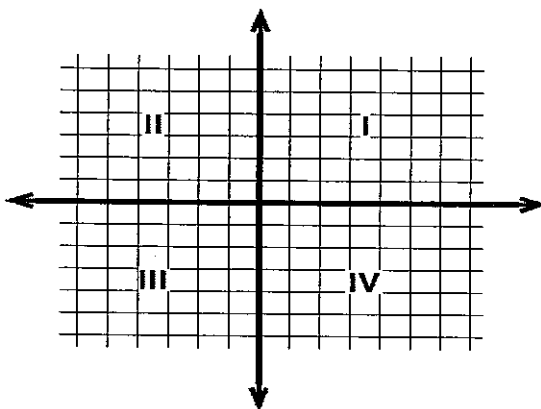
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1. In what Quadrant (I, II, III, IV) does the point  $(-12, 20)$  lie?



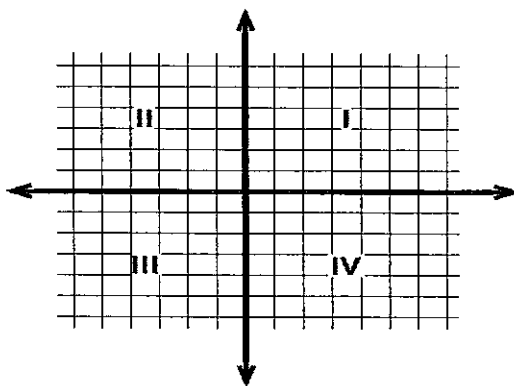
- (A) Quadrant I
- (B) Quadrant II
- (C) Quadrant III
- (D) Quadrant IV

2. In what Quadrant (I, II, III, IV) does the point  $(8, -9)$  lie?



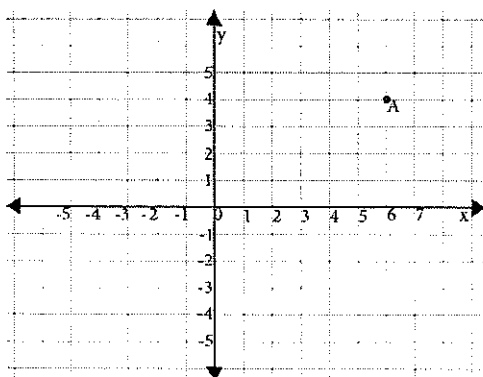
- (A) Quadrant I
- (B) Quadrant II
- (C) Quadrant III
- (D) Quadrant IV

3. In what Quadrant (I, II, III, IV) does the point  $(-0.75, -0.25)$  lie?



- Ⓐ Quadrant I
- Ⓑ Quadrant II
- Ⓒ Quadrant III
- Ⓓ Quadrant IV

4. What are the coordinates of point 'A'? Enter your answer in the box below.





Read the passage below and answer the questions that follow.

1. Books were hard to get for the mountain men among the western settlers.
2. Sometimes a mountain man would carry a single battered book with him for years.
3. Some of the men had Bibles, and even more had Shakespeare's plays.
4. Shakespeare was a favorite with mountain men, even if they could not read.
5. When they found someone who could read, he was often asked to read one of Shakespeare's plays to a group over a campfire.
6. There were mountain men who could not sign their own names, but could quote passages of Shakespeare by heart.

5. Which sentence best shows the central idea of this paragraph?

- (A) Sentence #1
- (B) Sentence #6
- (C) Sentence #3
- (D) Sentence #5

6. Which two sentences best support the central idea- that mountain men liked Shakespeare, even if they could not read?

- (A) Sentences #2 and #6
- (B) Sentences #3 and #5
- (C) Sentences #1 and #2
- (D) Sentences #3 and #6

7. Which sentence does not directly support the central idea?

- (A) Sentence #2
- (B) Sentence #3
- (C) Sentence #5
- (D) Sentence #6

Read the passage below and answer the questions that follow.

Washing clothes is a difficult task. The skill has to be learned and mastered. It is a tedious and tiresome process, which often discourages a person from going through the exercise. In spite of the availability of modern detergent powders, it remains a difficult task. An expert knows which parts of the dress need special care and attention. The collars of shirts and the seat and pockets of pants are generally dirtier than the other parts. But to wash well, what you require most is patience and the knowledge of the texture and quality of the cloth you are washing so that you can differentiate between clothes which can be put in warm water and which must never be washed in hot water. Woolens, silken and cotton clothes need different types of washing and detergents. One must have proper knowledge of these before washing clothes.

8. What is the above passage about?

DAY  
3

## CHALLENGE YOURSELF!

- ✓ Ordered Pairs
- ✓ Central Idea of Text



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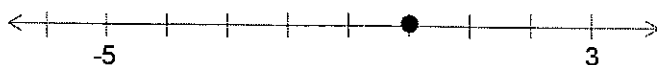
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1. What number does the dot represent on the number line?



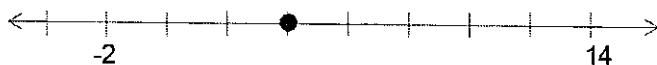
- (A) 12
- (B) 13
- (C) 14
- (D) 15

2. What number does the dot represent on the number line?



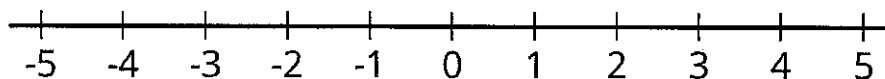
- (A) -2
- (B) -1
- (C) 0
- (D) 1

3. What number does the dot represent on the number line?



- (A) 0
- (B) 1
- (C) 4
- (D) 6

4. Choose the set of numbers that are correctly ordered from least to greatest. Use the number line to help you. Choose all answers that apply.



- (A) 5, 2, 0, -1, -3
- (B) -3, -1, 0, 3, 5
- (C) -5, -2, 1, 4, 5
- (D) 0, 1, 3, -4, -5
- (E) None of the above

Everywhere around us, there are millions of tiny living things called germs. They are so tiny that they can be seen only under the most powerful microscope. Some of these germs are no wider than twenty-five thousandths of an inch!

Louis Pasteur, the great French scientist, was the first to prove that germs exist. The germs in the air can be counted. The number of germs around us, especially in crowded rooms, is tremendous. Certain scientists counted 42,000 germs in approximately one cubic meter of air in a picture gallery when it was empty. But when the gallery was crowded with people, they found nearly 5,000,000 germs in the same place. In the open air germs are less abundant. There are fewer germs in country air than in town air. We see at once how important it is, therefore, to live as much as possible in the open air, and for the rooms we live in to always be well ventilated by fresh air.

5. What is the central idea of the above passage?

- (A) Louis Pasteur was a great French scientist.
- (B) Germs are everywhere.
- (C) Germs are small.
- (D) Germs can be counted.

6. Which of the following details does NOT support the central idea of the passage?

- (A) Germs are tiny and can only be seen using powerful microscopes.
- (B) There are fewer germs in open air.
- (C) The more people you are around, the sicker you will become.
- (D) Germs are living things.

Books were hard to get for the mountain men among the western settlers. Sometimes a mountain man would carry a single battered book with him for years. Some of the men had Bibles, and even more had Shakespeare's plays. Shakespeare was a favorite with mountain men, even if they could not read. When they found someone who could read, he was often asked to read one of Shakespeare's plays to a group over a campfire. There were mountain men who could not sign their own names, but could quote passages of Shakespeare by heart.

7. How does the author of the above passage show that books were important to mountain men?

- (A) Books were hard for mountain men to get.
- (B) Some mountain men had Shakespeare's plays.
- (C) Some mountain men could quote Shakespeare.
- (D) Not all mountain men could read.

Read the passage below and answer the questions that follow.

Washing clothes is a difficult task. The skill has to be learned and mastered. It is a tedious and tiresome process, which often discourages a person from going through the exercise. In spite of the availability of modern detergent powders, it remains a difficult task. An expert knows which parts of the dress need special care and attention. The collars of shirts and the seat and pockets of pants are generally dirtier than the other parts. But to wash well, what you require most is patience and the knowledge of the texture and quality of the cloth you are washing so that you can differentiate between clothes which can be put in warm water and clothes which must never be washed in hot water. Woolens, silk and cotton clothes need different types of washing and detergents. One must have proper knowledge of these before washing clothes.

8. How does the author of the above passage illustrate that washing clothes is a difficult task?  
Circle the correct answer choice.

- (A) By discussing the different types of washing machines.
- (B) By pointing out that certain parts of clothing need special care and attention.
- (C) By talking about all the different laundry detergent options.
- (D) By explaining how time consuming laundry can be.

**DAY**  
**4**

## CHALLENGE YOURSELF!

- ✓ Number Line & Coordinate Plane
- ✓ Analyze how People, Events, or Ideas are Presented in Text



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1 Evaluate the following:  $17 - |(7)(-3)|$

- (A) 38
- (B) -4
- (C) 4
- (D) 13

2 Evaluate the following:  $16 + |(7)(-3) - 44| - 5$

- (A) 76
- (B) 86
- (C) 34
- (D) 44

3 Evaluate the following:  $|15 - 47| + 9 - |(-2)(-4) - 17|$

- (A) 32
- (B) -32
- (C) 50
- (D) 76

4 What is the value of  $|14| - |-28|$ ? Write your answer in the box below.

**5. What is a synonym of a word?**

- (A) A word that has the same meaning as the given word.
- (B) A word that has the opposite meaning of a given word.
- (C) A word that has the same spelling as the given word.
- (D) A word that has the same pronunciation as the given word.

**6. Which of the following statements is true about antonyms?**

- (A) They have the same meaning as the given word.
- (B) They are the definitions of a given word.
- (C) They have the same sounds as a given word.
- (D) They are the opposites of a given word.

**7. These types of words are called \_\_\_\_\_.**

The words "minute" (time) and "minute" (extremely small) are pronounced differently and have different meanings.

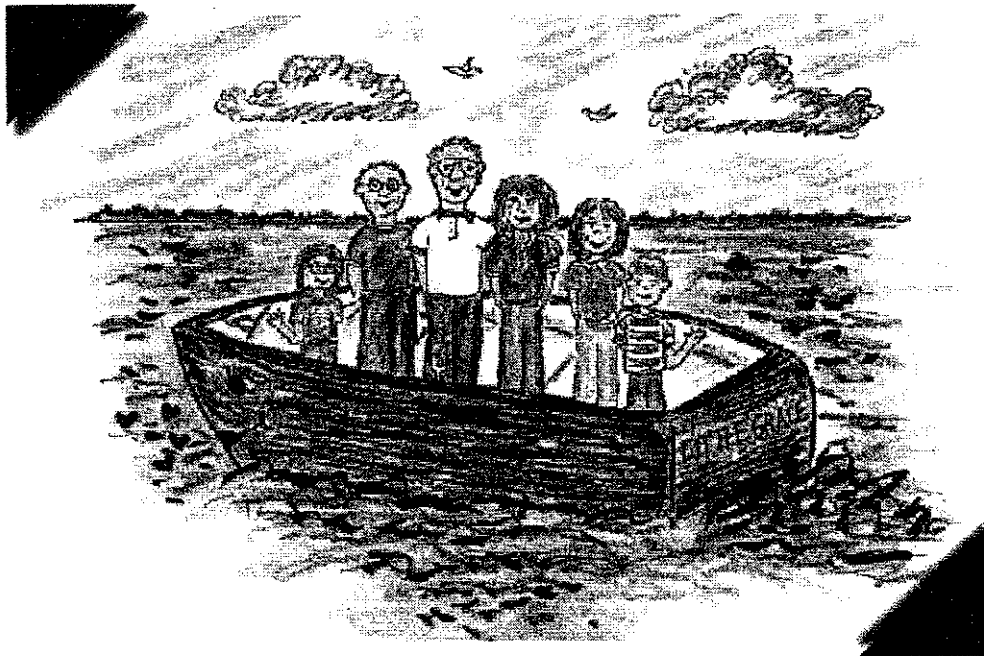
- (A) Homophones
- (B) Homonyms
- (C) Homographs
- (D) Homo-words

**8. Which of the choices below is an example of an antonym?**

- (A) Clever, crazy
- (B) Pretty, beautiful
- (C) Narrow, skinny
- (D) Abundant, scarce



## DRAW AND COLOR



Use the below space for your drawing activity.





## THIS WEEK'S ONLINE ACTIVITIES

- ✓ Reading Assignment
- ✓ Write Your Summer Diary
- ✓ Vocabulary Practice



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## WEEKLY FUN SUMMER PHOTO CONTEST



Take a picture of your summer fun activity and share it on  
Twitter or Instagram

Use the #SummerLearning mention



Tag friends and increase your chances of winning the contest.



**PARTICIPATE AND STAND A CHANCE TO WIN \$50 AMAZON GIFT CARD!**

# WEEK 4 SUMMER PRACTICE

## RATIONAL NUMBERS IN CONTEXT

DAY  
1

Xavier has a golf score of  $-7$  (We write  $-7$  because it is 7 points below par) and Curtis has a golf score of  $-12$ . Who has the higher score?

- (A) Xavier has the higher score.
- (B) Curtis has the higher score.
- (C) Because both scores are below par, neither one has the higher score.
- (D) We cannot tell who has the higher score because we do not know what par is.

2. Kelly has read  $\frac{5}{6}$  of a book. Helen has read  $\frac{9}{12}$  of the same book. Who has read more of the book?

- (A)  $\frac{5}{6}$  is more than  $\frac{9}{12}$  so Kelly has read more.
- (B)  $\frac{5}{6}$  is less than  $\frac{9}{12}$  so Helen has read more.
- (C)  $\frac{5}{6}$  is the same as  $\frac{9}{12}$  so both Kelly and Helen have read the same amount.
- (D) We cannot tell who has read more because the fractions have different denominators.

3. The record low temperature for NY is  $-52^{\circ}\text{F}$ . The record low temperature for Alaska is  $-80^{\circ}\text{F}$ . Which of the following inequalities accurately compares these two temperatures?

- (A)  $-52^{\circ} < -80^{\circ}\text{F}$
- (B)  $-80^{\circ} > -52^{\circ}\text{F}$
- (C)  $-52^{\circ} = -80^{\circ}\text{F}$
- (D)  $-52^{\circ} > -80^{\circ}\text{F}$

4. Which temperature is hotter, 32 degrees or 56 degrees? Enter your answer in the box below.

**5. Identify where the underlined sentence below belongs in the paragraph.**

**Start with the freshest bread you can find.**

I will tell you how to make a perfect peanut butter sandwich.

Take the two pieces of bread.

Add a good-sized scoop of crunchy peanut butter, and be sure to spread it on both pieces of bread.

Find a jar of your favorite jam.

Use slightly less jam than peanut butter, and spread it on only one slice of bread.

Put the two slices together and cut the sandwich in half. Enjoy.

- (A) The missing sentence should be first.
- (B) The missing sentence should be second.
- (C) The missing sentence should be third.
- (D) The missing sentence should be fourth.

**6. Identify where the underlined sentence below belongs in the paragraph.**

**During the pre-competition phase, continue the aerobic training, but add strength training and sprints.**

Training for tennis can be broken down into four phases.

During the preparation phase, work on aerobic fitness with jogging, swimming, or cycling as you train heavily on the specifics of tennis.

While competing, training can ease up except for the specifics of tennis.

For several weeks after competition, rest from playing tennis but keep up your fitness by playing other sports.

- (A) The missing sentence should be first.
- (B) The missing sentence should be second.
- (C) The missing sentence should be third.
- (D) The missing sentence should be fourth.

7. The salutation in a business letter is what part of a letter?

- Ⓐ Heading
- Ⓑ Closing
- Ⓒ Address and date
- Ⓓ Greeting

8. Which of the following types of writing will most likely contain the most descriptive writing (imagery)? Circle the correct answer choice.

- Ⓐ Letter of complaint to a store about a product that was faulty
- Ⓑ Personal narrative about a rodeo
- Ⓒ Descriptive paper about a winter day
- Ⓓ Informative/Expository paper about snow

**DAY**  
**1**

## CHALLENGE YOURSELF!

- ✓ Rational Numbers in Context
- ✓ Structure of Text

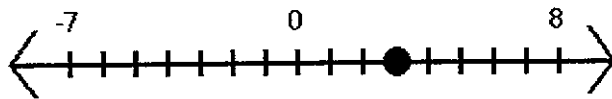


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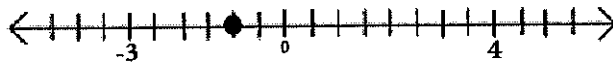
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1. What is the absolute value of the number represented by the Black dot plotted below?



- (A) -3
- (B) 1
- (C) 3
- (D) 4

2. What is the absolute value of the number represented by the Black dot plotted below?

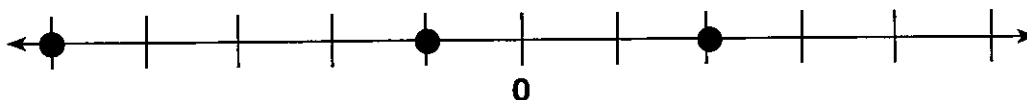


- (A) -2
- (B) -1
- (C) 1
- (D) 2

3. Which symbol will make the following a true statement?  $|-27|$  19

- (A)  $>$
- (B)  $<$
- (C)  $=$
- (D)  $\leq$

4. Sequence the numbers as they would fall on the number line in order from least to greatest. Enter the correct answers in the boxes given below.



**Read the passage below and answer the questions that follow.**

Dogs are better pets than cats for many reasons. Dogs are a man's best friend and can learn tricks. Dogs will get you things when you ask them to. Dogs will go walking or running with you to help keep you in shape. Dogs like to cuddle and protect their owners.

**5. What is the purpose of the above passage?**

- (A) To inform
- (B) To explain
- (C) To persuade
- (D) To entertain

**Read the passage below and answer the questions that follow.**

If you invent a new word and enough people like it, you may find it in the dictionary. Dictionaries add new words as they come into common use. The fancy word for a brand-new word is "neologism." In 2011, the Merriam-Webster Collegiate Dictionary added some neologisms you probably know, such as "tweet," "fist bump," and "social media."

Some of the new words may not be so familiar.

- "Planking" is a game of lying face down, hands at your sides, in the most unusual place you can think of, and having your picture taken and posted on the internet.
- A "bromance" is a close friendship – but not a romance – between two men.
- A "robocall" is a call made automatically by a machine repeating a taped message.
- A "helicopter parent" is one who hovers over their children, becoming much too involved in their lives.
- And "crowdsourcing"? That's the way many people can each do a little bit of a very large project. The country of Iceland, for example, is crowdsourcing a new constitution for their country, so if you have an idea about what they ought to include, you can go online and send them your suggestion.

At the same time new words are being added, old words that are no longer widely recognized are dropped from the dictionary. This year, the dictionary deleted the words "growlery" (a room where you can go to complain) and "brabble" (another word for squabble). If you haven't heard those words before, you probably won't miss them!

**6. What is the purpose of the passage above?**

- (A) To inform
- (B) To explain
- (C) To persuade
- (D) To entertain

**Read the passage below and answer the questions that follow.**

Eating carrots, broccoli and string beans are good for you. Making sure to have healthy vegetables in your diet is important. Some people think eating vegetables at one meal is good enough, but it isn't; you should eat vegetables at least 3 meals a day.

**7. What is the purpose of the passage above?**

- (A) To convince the reader to eat more vegetables.
- (B) To give information about different types of vegetables.
- (C) To tell about a cartoon where the characters are played by vegetables.
- (D) To help the reader understand there is nothing important about vegetables.

**Read the passage below and answer the questions that follow.**

Michael Jordan was the greatest basketball player of all time. When he played for the Chicago Bulls, they had one winning season after another. He scored more than 100 points in 1,108 games, won two Olympic gold medals, and was ranked #1 by ESPN Magazine. Chosen for the NBA All-Stars 14 times, Jordan was ten times the scoring champ, five times the Most Valuable Player, and six times the scoring champ of the NBA. When he began losing his hair, he shaved his head completely and started a fashion trend for other players. He was chosen to make an animated movie called "Space Jam" with Bugs Bunny. No other player has come close to those achievements.

**8. Why did the author write this passage about Michael Jordan?**

- (A) To tell about how Michael Jordan made a movie with Bugs Bunny.
- (B) To show what a great basketball player Michael Jordan is.
- (C) To give reader's Michael Jordan's life story.
- (D) To tell people what it is like to be a famous basketball player.

**DAY  
2**

## **CHALLENGE YOURSELF!**

- ✓ Interpreting Absolute Value
- ✓ Determine Author's Point of View



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## COMPARISONS OF ABSOLUTE VALUE

DAY  
3

1. Which account balance represents the greater debt?

\$20, -\$45, -\$5, \$10

- (A) \$20
- (B) -\$45
- (C) -\$5
- (D) \$10

2. Which of the following is the warmest temperature?

5°F above zero, 6°F below zero, 10°F below zero, 2°F above zero

- (A) 5°F above zero
- (B) 6°F below zero
- (C) 10°F below zero
- (D) 2°F above zero

3. Anneliese spent \$58.00 on music items and paid \$35.00 on a lay-away item. If she has -\$142.00 left in her account, how much did she start with?

- (A) \$-49.00
- (B) \$93.00
- (C) \$135.00
- (D) -\$235.00

4. Find the Value of  $|12| - |-11| = \underline{\hspace{2cm}}$ ?



Read the passage below and answer the questions that follow.

Michael Jordan was the greatest basketball player of all time. He scored more than 100 points in 1,108 games, won two Olympic gold medals, and was ranked #1 by ESPN Magazine. Chosen for the NBA All-Stars 14 times, Jordan was ten times the scoring champ, five times the Most Valuable Player, and six times the scoring champ of the NBA. No other player has come close to those achievements.

5. Identify the central idea – the claim – in the above persuasive paragraph.

- (A) Jordan was six times the 'scoring champ' for NBA.
- (B) Jordan was chosen for the NBA All-Stars 14 times.
- (C) The claim is that Jordan was the greatest basketball player.
- (D) Jordan was a basketball player.

Read the passage below and answer the questions that follow.

Michael Jordan was the greatest basketball player of all time. When he played for the Chicago Bulls, they had one winning season after another. When he began losing his hair, he shaved his head completely and started a fashion trend for other players. He was chosen to make an animated movie called "Space Jam" with Bugs Bunny. There are many good players, but Michael Jordan will always be my favorite.

6. The claim: Jordan was the greatest basketball player.

Details to support this claim include:

- (A) He was the best player on the team.
- (B) When he began losing his hair, he shaved his head completely and started a fashion trend for other players.
- (C) He was chosen to make an animated movie called "Space Jam" with Bugs Bunny.
- (D) When he played for the Chicago Bulls, they had one winning season after another.

Read the passage below and answer the questions that follow.

Running a marathon is a great accomplishment. Training for a marathon takes months. First, you have to start running short distances, and increase each week the distance you run. During your training, you will eventually start running 20 miles at a time. A full marathon is 26.2 miles and very hard for people to finish. With a little time, training, and hard work, anyone can run a marathon. Completing the marathon is a great accomplishment because it shows excellent dedication and athletic ability.

Identify the claim in this passage.

- (A) Running a marathon requires you to train a lot.
- (B) Running a marathon is a great accomplishment.
- (C) Running requires excellent dedication.
- (D) Not many people are able to complete a marathon.

Read the passage below and answer the questions that follow.

Smartphones are the newest innovative technology out there. On the Smartphone you can video chat with your friends or family members to keep in touch. Smartphones also are a great way to stay organized and keep your life on track. Smartphones are an easy way to search the internet when you are out and need to find something quickly. They allow you to access tons of information.

Identify the claim in this passage.

DAY  
3

## CHALLENGE YOURSELF!

- ✓ Comparisons of Absolute Value
- ✓ Evaluating Arguments in Text



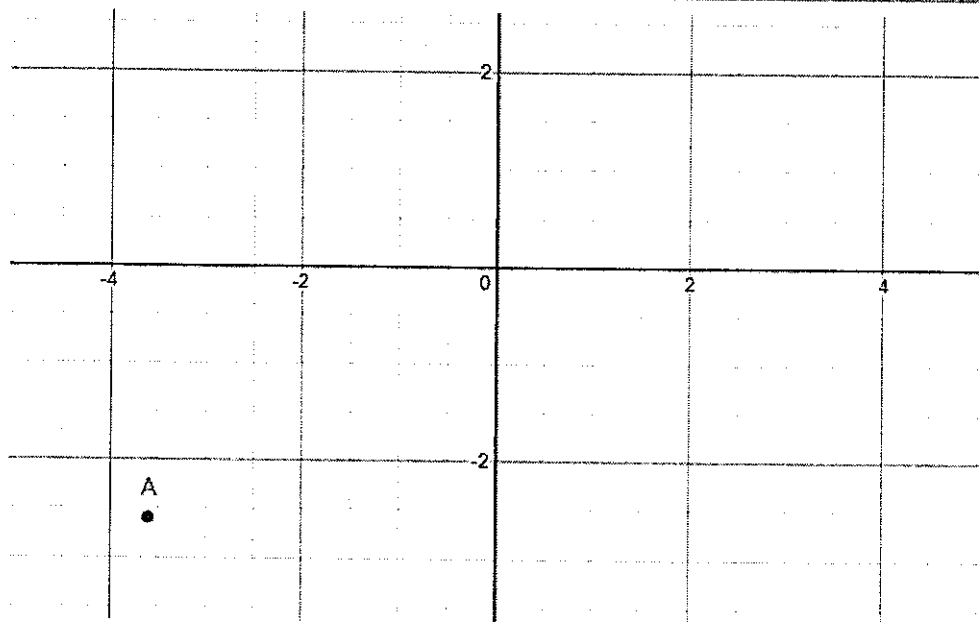
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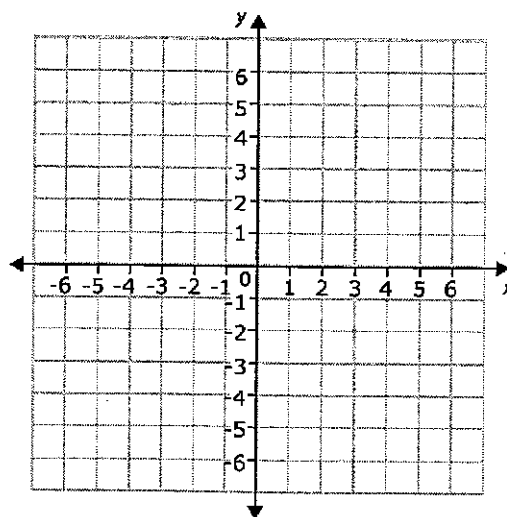
1. Ricky and Becca are going hiking. Below is the map that they are using. They start out at  $(-3.6, -2.6)$ . They hike four units to the east and six units to the north. What are the coordinates of their new location? (Note: North is up on this map.)

- (A)  $(0.6, 3.6)$
- (B)  $(0.4, 3.4)$
- (C)  $(0.4, 3.6)$
- (D)  $(1.6, 3.6)$



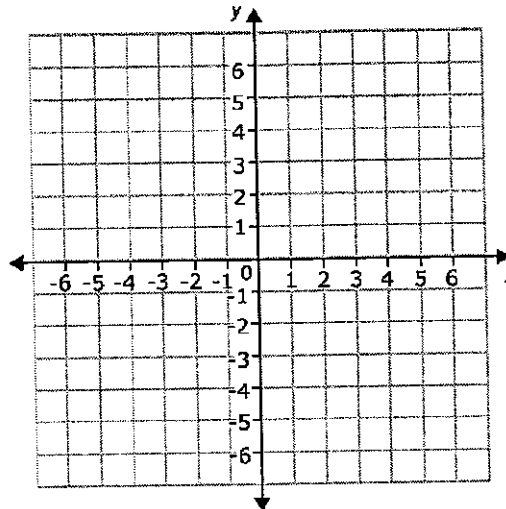
2. The absolute value of the coordinates are  $(5, 8)$ . What are the coordinates in Quadrant II?

- (A)  $(-5, -8)$
- (B)  $(5, -8)$
- (C)  $(5, 8)$
- (D)  $(-5, 8)$



What is the absolute value of the coordinates shown on the graph?

- Ⓐ  $(-4, 4)$
- Ⓑ  $(4, 4)$
- Ⓒ  $(4, -4)$
- Ⓓ  $(-4, -4)$



Which of the following ordered pairs would fall in Quadrant I on the coordinate plane? Choose all that apply.

- Ⓐ  $(-4, 5)$
- Ⓑ  $(2, 3)$
- Ⓒ  $(2, -5)$
- Ⓓ  $(1, 1)$
- Ⓔ  $(3, 1)$
- Ⓕ  $(-3, -5)$

**5. What do both of these individuals say about peace?**

"Peace cannot be achieved through violence, it can only be attained through understanding."  
Ralph Waldo Emerson

"Peace cannot be kept by force; it can only be achieved by understanding." Albert Einstein

- (A) You can only have peace by fighting.
- (B) You can only have peace through understanding.
- (C) You can only have peace when everyone gets along.
- (D) Peace is all around us.

**6. What is similar about these two quotations?**

"Music is a world within itself, with a language we all understand." Stevie Wonder

"Without music, life would be a mistake." Friedrich Nietzsche

- (A) Both talk about languages.
- (B) Both talk about life.
- (C) Both talk about music.
- (D) They have nothing similar.

**7. Which one of the answers below is a great way to visually compare and contrast information?**

- (A) Venn Diagram
- (B) Chart
- (C) Graph
- (D) All of the above

**8. Fill in the blank**

The desert is hot and dry whereas the \_\_\_\_\_ are cold and icy.

**DAY  
4****CHALLENGE YOURSELF!**

Coordinate Plane



Compare/Contrast One Author's Presentation with Another

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Evaluate:  $5^3$

- Ⓐ 15
- Ⓑ 125
- Ⓒ 8
- Ⓓ 2

2. Write the expression using an exponent:  $2 * 2 * 2 * 2 * 2 * 2$

- Ⓐ  $2 * 6$
- Ⓑ 12
- Ⓒ  $2^6$
- Ⓓ  $6^2$

3. Write the expression using an exponent:  $y * y * y * y$

- Ⓐ  $4y$
- Ⓑ  $y/4$
- Ⓒ  $4^y$
- Ⓓ  $y^4$

4. Find the numerical value of  $8^4$ . Write your answer in standard form in the box.

## 5. Identify the adjective in the following sentence.

The book that I was reading had colorful pages.

- (A) colorful
- (B) reading
- (C) pages
- (D) book

## 6. Identify the adjective/adjectives in the following sentence.

Earth is the most beautiful planet in the solar system.

- (A) Earth
- (B) beautiful
- (C) system
- (D) planet

## 7. Identify the adjective in this sentence.

The frightened alien ran back into its airship.

- (A) airship
- (B) alien
- (C) frightened
- (D) ran

## 8. Identify the adverb in the following sentence.

The computer printer hardly works.

DAY  
5

## CHALLENGE YOURSELF!

- ✓ Whole Number Exponents
- ✓ Correct Use of Adjectives and Adverbs



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# 7 TIPS TO HONE YOUR ICE HOCKEY SKILLS

## 1. Back to Basics

"These Players...They just don't all of a sudden become skilled. From the time they were little fellas, they learned the fundamentals of the game" – Bobby Orr

As said by the great Bobby Orr, practicing the fundamentals of hockey is one of the most important things you can do. You don't just automatically become skilled; you have to work hard on the fundamental of the game and the rest will come. Yeah, it might be more exciting to run plays and learn breakout strategies, but if you still struggle with basics like skating and stick-handling, then learning more intricate skills will be a waste of time. Practice shooting, passing, and skating until they become second nature and then work on the more detailed stuff.

## 2. Practice off the Ice

Odds are, you don't have an ice rink in your backyard and rely on team practices to get time on the ice. On days you don't have practice, you can still train without the ice skates! Make an obstacle course with cones and try stick-handling with a tennis ball or practice sending and receiving passes. Working on these skills off of the ice will make team practices easier.

## 3. Don't Forget About Agility

Agility is so important in ice hockey; it helps you control your speed, make quick movements, and keep up with the fast pace of the game. Becoming more agile on the ice requires lots of practice- the more you practice making quick turns and stopping & starting, the more control you will have on the ice. You can also practice agility off of the ice by doing dot drills. To do this drill, set out dots on the ground around you, sprint to one dot and then sprint back to the starting point. Continue doing this for all of the dots, sprinting as fast as you can. This helps you practice making quick direction changes and speed control.

## 4. Practice with a Purpose

Treat every practice like it is a game- shoot like it's the other team's goal and pass like there is a defender on your tail. Pretending like practice is a game will help you develop your skills in a game situation, which will make playing in the game easier.

## 5. Get Tough

Ice hockey is a game all about toughness- not just physical, but mental. Mental toughness means to be resilient, to have confidence on the ice and to play like you want to win. It means using negative circumstance to motivate you to be better, rather than get you down. This is a huge skill that separates hockey players from hockey legends and, with a little practice, you can get mentally tough like the pros.

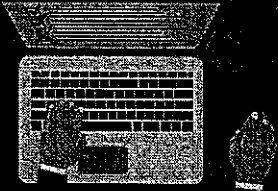


## 6. Learn Some Defense

Ice hockey isn't all about the scorers- no team would be successful without skilled defensive players. When playing defense, always have your partner's back and be ready to step in should the opposing player advance. Make sure to always have your goal covered and to communicate with your teammates. The best defensive players will be skilled at passing, backwards skating, and puck movement skills. Once you learn these skills, you're ready to dominate the defensive zone.


## 7. Have Fun


The most important part of playing hockey is having fun doing it. Ice hockey should be enjoyable and you should have fun at practice and games. Sure, sometimes the game can be hard and you will be tired but that shouldn't stop you from enjoying the game. As the famous Wayne Gretzky once said, "The only way a kid is going to practice is if it's total fun for him".



### THIS WEEK'S ONLINE ACTIVITIES

- ✓ Reading Assignment
- ✓ Write Your Summer Diary
- ✓ Vocabulary Practice

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## WEEKLY FUN SUMMER PHOTO CONTEST

 Take a picture of your summer fun activity and share it on Twitter or Instagram

Use the #SummerLearning mention

#

@LumosLearning on



Twitter

@lumos learning on



Instagram

 Tag friends and increase your chances of winning the contest.



### PARTICIPATE AND STAND A CHANCE TO WIN \$50 AMAZON GIFT CARD!

# WEEK 5 SUMMER PRACTICE

## EXPRESSIONS INVOLVING VARIABLES

DAY  
1

1. When the expression  $3(n + 7)$  is evaluated for a given value of  $n$ , the result is 33. What is the value of  $n$ ?

- Ⓐ  $n = 4$
- Ⓑ  $n = 5$
- Ⓒ  $n = 21$
- Ⓓ  $n = 120$

2. Which number is acting as a coefficient in this expression?  $360 + 22x - 448$

- Ⓐ 360
- Ⓑ 22
- Ⓒ 448
- Ⓓ None of these

3. Evaluate the following when  $n = 7$ :  $5(n - 5)$

- Ⓐ 10
- Ⓑ -60
- Ⓒ 60
- Ⓓ 30

4. Which of the following represents the phrase "the quotient of 17 and  $q$ "? Select all the correct answers.

- Ⓐ  $q \div 17$
- Ⓑ  $17 \div q$
- Ⓒ  $17/q$
- Ⓓ  $q/17$

5 Choose the correct pronoun to complete the sentence.

I did it by \_\_\_\_\_.

- (A) me
- (B) myself
- (C) I
- (D) my

6 Choose the correct pronoun to complete the sentence.

We \_\_\_\_\_ are responsible for the decorations.

- (A) us
- (B) ourselves
- (C) themselves
- (D) myself

7 Choose the correct pronoun to complete the sentence.

She made up the story \_\_\_\_\_.

- (A) himself
- (B) herself
- (C) itself
- (D) themself

8 Correct the following sentence to make the referent clear.

Walking and running are more aerobic than playing team sports. They are fun, too.

DAY  
1

## CHALLENGE YOURSELF!

- ✓ Expressions Involving Variables
- ✓ Recognize Pronouns



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1. Which of the following describes the expression  $6(4-2)$  accurately?

- (A) Six and the difference of four and two.
- (B) The product of six and the sum of four and two.
- (C) The product of six and the difference of 4 and 2.
- (D) The quotient of six and the difference of four and two.

2. Which of the following best describes the expression  $(8 \div 2) - 10$ ?

- (A) The quotient of eight and two subtracted from ten.
- (B) Ten less than the quotient of eight and two.
- (C) The difference of ten and the quotient of eight and two.
- (D) The product of eight and two minus ten.

3. What are the coefficients in the expression  $(2x + 15)(9x - 3)$ ?

- (A) 2, 15, 9, -3
- (B) 15, 3
- (C) 15, -3
- (D) 2, 9

4. Which of the following means the same as  $3(2+1)$ ? Select all the correct answers.

- (A)  $(2+1) + (2+1) + (2+1)$
- (B)  $6 + 3$
- (C)  $3 + 2 + 1$
- (D)  $(6 + 1) + (6 + 1) + (6 + 1)$
- (E) None of the above

5. Which pronoun best completes the following sentence?

Each student got to choose \_\_\_\_\_ own desk.

6. Which pronoun best completes the following sentence?

All the girls were excited to be able to wear \_\_\_\_\_ new dresses to the dance.

7. Fill in the blank with the correct pronoun which best completes the following sentence?

Coach Bob was proud of the way \_\_\_\_\_ team played in the game.

8. Which pronoun best completes the following sentence?

Billy and \_\_\_\_\_ plan to ride our bikes to the park as soon as school is out.

- Ⓐ I
- Ⓑ me
- Ⓒ us
- Ⓓ his

DAY  
2

## CHALLENGE YOURSELF!

- ✓ Identifying Expression Parts
- ✓ Recognize and Correct Shifts in Pronoun



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1. What is the value of  $y$  in the equation  $y = 3x - 13$ , when  $x = 6$ ?

- Ⓐ 5
- Ⓑ -4
- Ⓒ -1
- Ⓓ 4

2. What is the value of  $y$  in the equation  $y = \frac{1}{4}x + 2$ , when  $x = 32$ ?

- Ⓐ 2
- Ⓑ 4
- Ⓒ 8
- Ⓓ 10

3. Evaluate the following expression when  $a = 3$  and  $b = -8$ :  $3a^2 - 7b$

- Ⓐ -44
- Ⓑ -29
- Ⓒ 68
- Ⓓ 83

4. Select the equations in which  $j = 7$ . Choose all that apply.

- Ⓐ  $3j - 4 = 25$
- Ⓑ  $56 - j = 49$
- Ⓒ  $3j + 4 = 25$
- Ⓓ  $j^3 = 343$

5. Choose the pronoun that agrees with the antecedent in the following sentence.

Anybody who forgets \_\_\_\_\_ homework will have detention at lunch.

- (A) his
- (B) my
- (C) its
- (D) their

6. Choose the pronoun that agrees with the antecedent in the following sentence.

The students made \_\_\_\_\_ own costumes for the play.

- (A) her
- (B) their
- (C) my
- (D) our

7. Choose the pronoun that agrees with the antecedent in the following sentence.

Gavin's dog follows \_\_\_\_\_ everywhere.

- (A) their
- (B) me
- (C) his
- (D) him

8. Fill in the blank with the pronoun that agrees with the antecedent in the following sentence.

Even though Patty is packed for the trip, \_\_\_\_\_ does not feel ready to go.

DAY  
3

## CHALLENGE YOURSELF!

- ✓ Evaluating Expressions
- ✓ Recognize and Correct Vague Pronouns



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1. What is an equivalent expression for  $3n - 12$ ?

- (A)  $3n + 1$
- (B)  $3n + 4$
- (C)  $3n - 4$
- (D)  $3(n - 4)$

2. Simplify  $2n - 7n$  to create an equivalent expression.

- (A)  $5n$
- (B)  $-5n$
- (C)  $-n(2 - 7)$
- (D)  $n(5)$

3. Which expression is equivalent to  $5y + 2z - 3y + z$ ?

- (A)  $z$
- (B)  $2y + 3z$
- (C)  $yz$
- (D)  $11yz$

4. Write the correct equation for the following expression: 3 less than the product of 4 and 5.



5. What is the correct way to write the underlined part of the following sentence?

Yesterday my mom baked cookies and we eat them all.

- (A) will eat
- (B) did eat
- (C) eaten
- (D) ate

6. What is the correct way to write the underlined part of the following sentence?

Jenny went to the store and buy apples, milk, and bread.

- (A) bought
- (B) will buy
- (C) did buy
- (D) buyed

7. What is the correct way to write the underlined part of the following sentence?

Billy and Matt rode they're bikes to the park.

- (A) there
- (B) their
- (C) they
- (D) them

8. What is the correct way to write the underlined part of the sentence? Write your answer in the box given below.

My dog always runs happy by my side.

DAY  
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## CHALLENGE YOURSELF!

- ✓ Writing Equivalent Expressions
- ✓ Recognize Variations in English



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1. Which two expressions are equivalent?

- Ⓐ  $(5/25)x$  and  $(1/3)x$
- Ⓑ  $(5/25)x$  and  $(1/5)x$
- Ⓒ  $(5/25)x$  and  $(1/4)x$
- Ⓓ  $(5/25)x$  and  $(1/6)x$

2. Which two expressions are equivalent?

- Ⓐ  $7 + 21v$  and  $2(5 + 3v)$
- Ⓑ  $7 + 21v$  and  $3(4 + 7v)$
- Ⓒ  $7 + 21v$  and  $7(1 + 3v)$
- Ⓓ  $7 + 21v$  and  $7(7 + 21v)$

3. Which two expressions are equivalent?

- Ⓐ  $32p/2$  and  $17p$
- Ⓑ  $32p/2$  and  $18p$
- Ⓒ  $32p/2$  and  $16p$
- Ⓓ  $32p/2$  and  $14p$

4.  $[(8y) + (8y) + (8y)] \div 2 = \underline{\hspace{2cm}}$  Simplify the expression and write the answer in the box.

5. Choose the answer with the correct punctuation for the sentence below.

Hi, Mom I'm home called Robby as he walked through the door

- (A) "Hi, Mom! I'm home," called Robby as he walked through the door.
- (B) Hi, Mom I'm home called Robby as he walked through the door.
- (C) Hi Mom I'm home, called Robby as he walked through the door.
- (D) Hi Mom, I'm home, called Robby, as he walked through the door.

6. Choose the answer with the correct punctuation for the sentence below.

I had bananas oranges and cherries in the refrigerator but they're all gone

- (A) I had bananas oranges and cherries in the refrigerator but they're all gone.
- (B) I had bananas oranges and cherries in the refrigerator, but they're all gone.
- (C) I had bananas, oranges, and cherries in the refrigerator, but they're all gone.
- (D) I had bananas oranges and cherries, in the refrigerator, but they're all gone.

7. Choose the answer with the correct punctuation for the sentence below.

September is the busiest month of the year that's why it's my favorite

- (A) September is the busiest month of the year; that's why it's my favorite.
- (B) September is the busiest month of the year that's why it's my favorite.
- (C) September, is the busiest month of the year, that's why it's my favorite.
- (D) September is the busiest month of the year that's why it's my favorite!

8. Rewrite the sentence below with correct punctuation.

Michelle made pizza grilled cheese and tacos for lunch but she didnt realize it was only 10:00 a.m.

**DAY  
5****CHALLENGE YOURSELF!**

- ✓ Identifying Equivalent Expressions
- ✓ Demonstrate Command of Punctuation

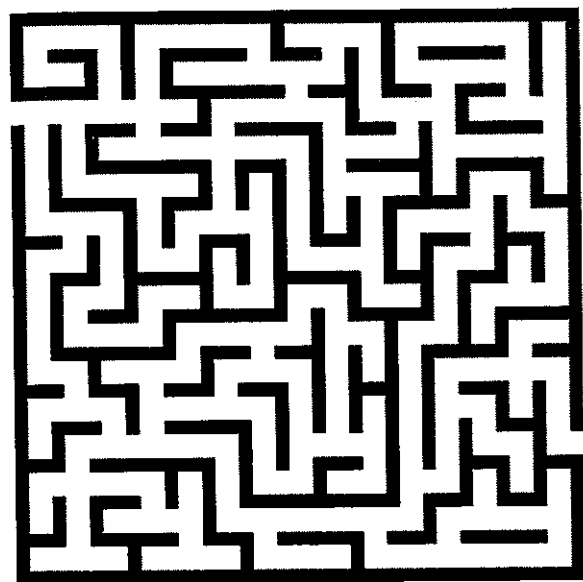


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# MAZE GAME



Help the beautiful kite fly out of the maze

