

**5th into 6th
Summer Packet**

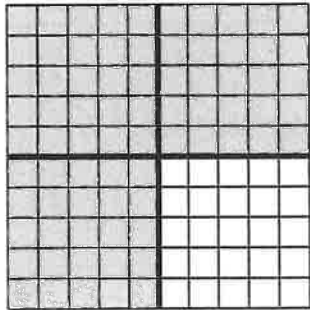
Name _____

Date _____

This section contains 30 multiple-choice questions. Work each problem in the space on this page. Select the best answer. Write the letter of the answer on the blank at the right.

- 1** What decimal is equivalent to $\frac{3}{4}$?

1 _____



- A** 0.25
- B** 0.34
- C** 0.75
- D** 1.33

- 2** Find the product of 6.1 and 4.9.

2 _____

- F** 7.93
- G** 11.0
- H** 29.89
- J** 30.79

- 3** Look at the table below. Which of the following has NOT been rounded correctly to the nearest hundred?

3 _____

Population in 2005		
City	Exact Population	Estimated Population
Austin	690,252	690,300
Chicago	3,844,829	3,844,800
Seattle	557,087	557,100
St. Louis	912,332	912,330

Source: U.S. Census Bureau

- A** Chicago **C** Seattle
B Austin **D** St. Louis

- 4** The number 13.76 is read as which of the following:

4 _____

- F** thirteen and seventy-six tenths
G thirteen and seventy-six hundredths
H thirteen and seventy-six thousandths
J thirteen thousand and seventy-six

- 5** Raven is asked to check the answer to the multiplication problem below. Which number sentence could she use to check her answer?

5 _____

$$23 \times 452 = 10,396$$

- A** $23 + 452 = 475$ **C** $10,396 \times 23 = 452$
B $452 - 23 = 429$ **D** $10,396 \div 23 = 452$

6 How can you write 10,000,000 using exponents?

F 10^4

H 10^6

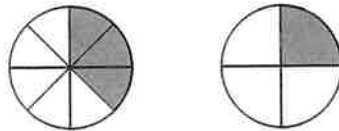
G 10^5

J 10^7

6 _____

7 Inali ate $\frac{3}{8}$ of a pizza. His friend ate $\frac{1}{4}$ of the pizza. How much did they eat all together.

7 _____



A $\frac{1}{3}$

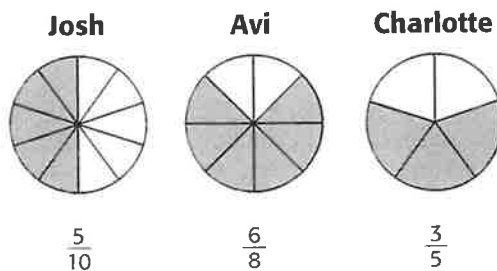
B $\frac{1}{2}$

C $\frac{5}{8}$

D $\frac{3}{4}$

8 Josh, Avi, and Charlotte each sold slices of pie at the bake sale. The figures below show how they each cut their pie. The shaded parts represent the pieces they sold. What can you conclude from the data?

8 _____



F Josh and Avi sold $1\frac{1}{4}$ pies.

G Avi and Charlotte sold $1\frac{1}{2}$ pies.

H Avi and Charlotte each sold the same amount of pie.

J Charlotte and Josh sold $1\frac{3}{10}$ pies.

- 9 Sasha's mom bought a container with 150 bracelet beads for Sasha's birthday party. There were 8 girls at the birthday party to equally share the beads. Between what two amounts of beads should each girl receive?

A between 15 and 16
B between 16 and 17
C between 17 and 18
D between 18 and 19

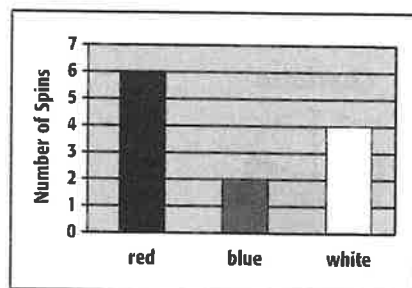
9 _____

- 10 Which of the following expressions is equal to $\frac{4}{5} \times 7$?

F $4 \div 5 + 7$
G $4 \times 7 \div 5$
H $4 \times 7 \times 5$
J $5 \div 4 \times 7$

10 _____

- 11 Adam spins a spinner 12 times. The results are shown in the bar graph below. Which fraction of the spins were red or blue?



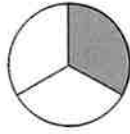
A $\frac{2}{3}$
B $\frac{3}{4}$

C $\frac{7}{12}$
D $\frac{5}{6}$

11 _____

- 12** A salsa recipe calls for $\frac{1}{3}$ cup of onions. William wants to multiply the recipe by 4. How many cups of onion will he need?

12 _____



- F** $\frac{3}{4}$ cup **H** $1\frac{1}{3}$ cups
G 1 cup **J** $1\frac{2}{3}$ cups

- 13** The menu below shows the prices at Lunchtime Café. Lucita orders a turkey sandwich and two fruit cups. What expression should she use to determine the cost of her meal?

13 _____

Lunchtime Cafe	
Item	Cost
Turkey Sandwich	\$4.50
Ham Sandwich	\$4.35
Salad	\$2.10
Fruit Cup	\$2.50
Juice	\$1.90

- A** $4.50 + (2 \times 2.50)$ **C** $2.50 + (2 \times 4.50)$
B $4.50 + 2.50$ **D** 2.50×4.50

- 14** Each student in fifth grade donates 4 cans of food to the food bank. There are 285 fifth-grade students. Which of the following shows the number of cans donated and the correct justification for the number?

14 _____

- F** 71 because 285 divided by 4 is approximately 71
G 289 because 285 plus 4 is 289
H 1,120 because 280 times 4 is 1,120
J 1,140 because 285 times 4 is 1,140

- 15** Mr. Izquierdo is joining a gym. There is a \$150 registration fee and a monthly fee of \$28. Which expression shows the total cost for Mr. Izquierdo to join the gym for a year?

15 _____

- A** $(\$150 + \$28) \times 12$ **C** $(\$150 \times 12) + \28
B $\$150 \times (\$28 + 12)$ **D** $\$150 + (\$28 \times 12)$

- 16** Each week, Melanie saves the same amount of money. After the third week, she has \$30. After the fifth week, she has \$50. After the seventh week, she has \$70. Which operation could Melanie use to determine the amount she will have saved by the tenth week?

16 _____

- F** Add 10 to the number of weeks.
G Add 20 to the numbers of weeks.
H Multiply 10 times the number of weeks.
J Multiply 20 times the number of weeks.

- 17** Carmen created the following table of multiplication facts for 100. If the pattern continues, what is 100×12 ?

17 _____

#	$\times 100$
1	100
2	200
3	300
4	400
5	500

- A** 120 **B** 210 **C** 1,200 **D** 2,100

- 18** Bennett created the table below. Which operation did he perform on the numbers in the left column to find the numbers in the right column?

x	y
1	9
2	10
3	11
4	12
5	13
6	14

- F** Add 8. **H** Multiply by 8.
G Add 9. **J** Multiply by 9.

18 _____

- 19** Martin notices that certain pickup trucks have 6 wheels. Which table could he use to determine the number of wheels on five of these pickup trucks?

- A**

Trucks	1	2	3	4	5
Wheels	4	8	12	16	20
- B**

Trucks	1	2	3	4	5
Wheels	6	12	18	24	30
- C**

Trucks	1	2	3	4	5
Wheels	4	16	64	256	1024
- D**

Trucks	1	2	3	4	5
Wheels	6	36	216	1296	7776

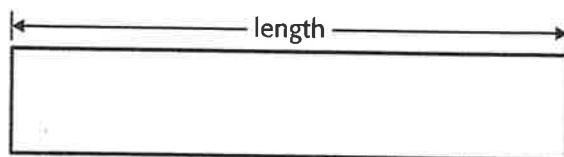
19 _____

- 20** Tamera is 4 years younger than her brother. Which expression could you use to determine Tamera's age, given her brother's age b ?

F $b + 4$ **H** $b \times 4$
G $b - 4$ **J** $b \div 4$

20 _____

- 21** Use a ruler to measure the length of the rectangle below in centimeters. Convert this length to meters.



A 8 m **C** 0.08 m
B 0.8 m **D** 0.008 m

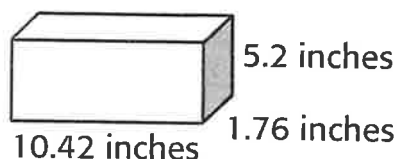
21 _____

- 22** There are 12 inches in 1 foot, and there are 3 feet in 1 yard. How many inches are there in 1 yard?

F 12 **H** 36
G 24 **J** 48

22 _____

- 23** Megan wants to estimate the volume of the box shown below. Which is the best estimate? ($V = \ell \times w \times h$)

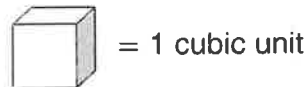
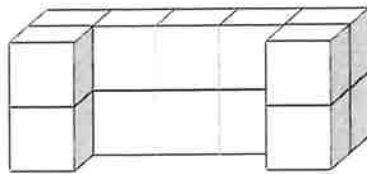


A 50 in^3 **C** 100 in^3
B 60 in^3 **D** 110 in^3

23 _____

24 What is the volume of the figure?

24 _____



F 10 cubic units

H 14 cubic units

G 12 cubic units

J 16 cubic units

25 Which of the following is equal to 4 gallons?

25 _____

A 1 quart

C 12 quarts

B 8 quarts

D 16 quarts

26 A rectangular shoebox is 14 inches long by 8 inches wide by 6 inches tall. What is the volume of the shoebox?

26 _____

F 28 cubic inches

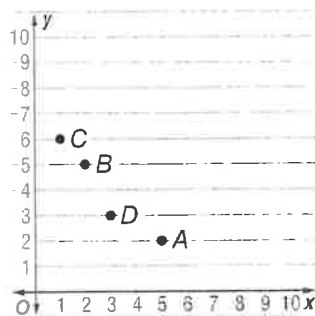
H 480 cubic inches

G 668 cubic inches

J 672 cubic inches

27 Look at the coordinate grid below. Which point is located at (2, 5)?

27 _____



A Point A

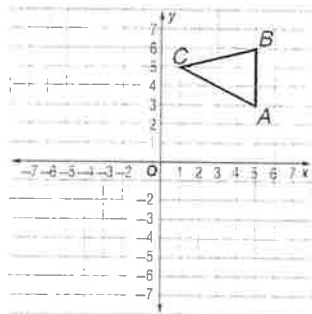
C Point C

B Point B

D Point D

- 28 On the graph below, $\triangle ABC$ is graphed. What is the x-coordinate of point A?

28 _____



F 3

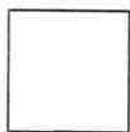
H 5

G 4

J 6

- 29 Which of the following does not describe the figure below?

29 _____



A square

C quadrilateral

B rectangle.

D trapezoid

- 30 Which best describes this figure?

30 _____



F pentagon

H triangle

G hexagon

J octagon

Order of operations

Grade 5 PEMDAS Worksheet

Solve the following using PEMDAS

The order of operations:

1. *Parentheses ()*
2. *Exponents 5^2*
3. *Multiplication \times or Division \div*
4. *Addition $+$ or Subtraction $-$*

1. $3 \times 9 + 7$

6. $(67 - 18) \div 7 \times 3$

2. $12 + 36 \div 4$

7. $5^2 - 8$

3. $9 \div 3 + 4 \times 6$

8. $2^3 \times 3^2$

4. $2 \times 11 - 12 \div 2$

9. $4^2 \times (8 - 3)$

5. $8 \times 18 \div 4 + 15$

10. $(7 \times 8 - 4) \div (6 - 2)$

Multiplying 2-Digit by 2-Digit Numbers with Various Decimal Places (A)
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Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 2.3 \\ \times 4.6 \\ \hline \end{array}$$

$$\begin{array}{r} 0.67 \\ \times 0.50 \\ \hline \end{array}$$

$$\begin{array}{r} 0.27 \\ \times 73 \\ \hline \end{array}$$

$$\begin{array}{r} 2.8 \\ \times 32 \\ \hline \end{array}$$

$$\begin{array}{r} 3.1 \\ \times 94 \\ \hline \end{array}$$

$$\begin{array}{r} 6.5 \\ \times 6.6 \\ \hline \end{array}$$

$$\begin{array}{r} 3.3 \\ \times 0.89 \\ \hline \end{array}$$

$$\begin{array}{r} 48 \\ \times 48 \\ \hline \end{array}$$

$$\begin{array}{r} 5.4 \\ \times 0.19 \\ \hline \end{array}$$

$$\begin{array}{r} 47 \\ \times 14 \\ \hline \end{array}$$

$$\begin{array}{r} 5.8 \\ \times 4.3 \\ \hline \end{array}$$

$$\begin{array}{r} 0.46 \\ \times 0.50 \\ \hline \end{array}$$

$$\begin{array}{r} 53 \\ \times 7.8 \\ \hline \end{array}$$

$$\begin{array}{r} 3.0 \\ \times 0.49 \\ \hline \end{array}$$

$$\begin{array}{r} 87 \\ \times 0.21 \\ \hline \end{array}$$

$$\begin{array}{r} 47 \\ \times 0.12 \\ \hline \end{array}$$

$$\begin{array}{r} 84 \\ \times 18 \\ \hline \end{array}$$

$$\begin{array}{r} 6.7 \\ \times 0.95 \\ \hline \end{array}$$

$$\begin{array}{r} 0.83 \\ \times 8.9 \\ \hline \end{array}$$

$$\begin{array}{r} 1.2 \\ \times 0.54 \\ \hline \end{array}$$

$$\begin{array}{r} 0.13 \\ \times 4.3 \\ \hline \end{array}$$

$$\begin{array}{r} 0.89 \\ \times 0.34 \\ \hline \end{array}$$

$$\begin{array}{r} 0.31 \\ \times 0.93 \\ \hline \end{array}$$

$$\begin{array}{r} 8.1 \\ \times 16 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ \times 0.76 \\ \hline \end{array}$$

Division (A)

Find each quotient.

$$74 \overline{)5476}$$

$$66 \overline{)6270}$$

$$78 \overline{)6708}$$

$$98 \overline{)8624}$$

$$96 \overline{)2112}$$

$$43 \overline{)4085}$$

$$34 \overline{)1870}$$

$$42 \overline{)420}$$

$$83 \overline{)5727}$$

$$77 \overline{)770}$$

$$53 \overline{)848}$$

$$97 \overline{)9603}$$



Long division with decimals

Grade 5 Decimals Worksheet

Find the quotient. Round to the tenths place if necessary.

1.

$$0.05 \overline{)50}$$

2.

$$0.02 \overline{)83.2}$$

3.

$$0.5 \overline{)586}$$

4.

$$0.02 \overline{)0.73}$$

5.

$$0.07 \overline{)5.85}$$

6.

$$0.05 \overline{)80}$$

7.

$$0.04 \overline{)3.0}$$

8.

$$0.08 \overline{)42}$$

9.

$$0.4 \overline{)573}$$

Name: _____ Date: _____

Fractions Worksheet

1 a. $\frac{11}{20} - \frac{3}{8}$

1 b. $\frac{1}{9} + \frac{3}{5} =$

2 a. $\frac{5}{18} - \frac{2}{15}$

2 b. $\frac{1}{8} + \frac{7}{3} =$

3 a. $\frac{2}{5} - \frac{1}{4}$

3 b. $\frac{5}{10} + \frac{1}{6} =$

4 a. $\frac{17}{20} - \frac{7}{16}$

4 b. $\frac{1}{2} + \frac{2}{6} =$

Name: _____ Date: _____

Fractions Worksheet

1 a. $4 \times 5\frac{1}{7} =$

1 b. $2\frac{1}{6} \div \frac{12}{7} =$

2 a. $3\frac{3}{5} \div \frac{1}{5} =$

2 b. $3 \times \frac{4}{6} =$

3 a. $\frac{8}{10} \times 5 =$

3 b. $\frac{5}{8} \div \frac{5}{8} =$

4 a. $3 \div \frac{4}{3} =$

4 b. $4 \times 6\frac{1}{6} =$

Name: _____

5th into 6th

1. The win:loss ratio of a baseball team for the season is 48:16. Simplify the ratio.
2. Students were surveyed about their extra-curricular activities. Twenty percent of the people who are in the band play the flute. How many band members do not play the flute?

Activity	Number of People
Play a Sport	73
Drama Club	29
Band	40
Choir	31

3. Hannah's cat had a litter of kittens. She recorded the pattern of the kittens' fur in the table below. What fraction represents the kittens that have a striped or spotted fur pattern?

Fur Pattern	Number of Kittens
Striped	1
Spotted	3
Solid	6

4. Steven receives \$25 for his allowance. The graph shows how Steven spends his weekly allowance. What decimal represents the part Steven will save in 4 weeks?



Name: _____

5th into 6th

5. Sugar Shack Cookies had 5 types of cookies in its display case. The number of each cookie sold during one day was recorded in the table below. What was the percent of chocolate chip and oatmeal raisin cookies sold?

Cookie Type	Number Sold
Oatmeal Raisin	9
Sugar	21
Peanut Butter	15
Chocolate Chip	35
Frosted	30

6. Carter's basketball practice is broken down into the following skills. Which of the following statements is true?

Skill	Time Spent (min)
Offense	30
Defense	25
Conditioning	20
Free Throws	15

- a. The ratio of the time Carter spends practicing offense to the total time practicing is 1:3.
- b. Carter spends 25% of his practice time on defense.
- c. Carter spends a larger percent of time practicing free throws than conditioning.
- d. The ratio of time Carter spends on conditioning to the total is 1:4.
7. Sophia bought a bushel of oranges that weighs 14.2 pounds. How many bushels would she need to purchase to have 99.4 pounds of oranges?
8. Charlie earns \$12.75 for each hour of lawn work he completes. On Saturday he worked 5.5 hours and on Sunday he worked 3.75 hours. How much money did he earn that weekend? Round to the nearest cent.
9. The rectangle represents Julio's backyard. For each meter of perimeter he needs to purchase 2.5 units of fencing. How many units of fencing does he need to purchase?



Name: _____

5th into 6th

10. The McCool Family had \$25.00 to spend on dinner. They ordered 3 cheeseburgers, 2 hot dogs, 3 side salads, and 4 drinks. How much money did they have left over?

Item	Cost (\$)
Cheeseburgers	\$2.25
Hot dogs	\$1.25
Side salad	\$0.75
Drinks	\$1.25

11. Frank is planned to jog $5\frac{3}{4}$ miles on Monday and $4\frac{1}{2}$ miles on Wednesday. He only jogged $\frac{3}{5}$ of the miles he planned to run that week. How many miles did he actually jog?
12. A chef uses $5\frac{2}{5}$ pounds of ground beef to make a hamburgers and $2\frac{1}{4}$ pounds of ground beef to make meatloaf. The ground beef comes in $\frac{1}{2}$ -pound packages. How many packages of ground beef are needed to make hamburgers and meatloaf?
13. Heather buys bags of rice that contain $6\frac{3}{4}$ cups of rice. Each serving is $\frac{1}{2}$ cup of rice. How many servings will she be able to have?
14. Robert has \$55 in his bank account. He deposits \$40 in his bank account. He then spends \$75 on supplies for his garden. How much does Robert have in his account?
15. Camilla cleaned 30 windows in $2\frac{1}{2}$ hours. If w represents the average rate at which she cleaned windows, what is the value of w ?
16. Mary made 14 goodie bags for her birthday party. Each bag got 8 prizes. How many prizes did Mary buy for the goodie bags?

Name: _____

5th into 6th

17. Bill and Susie work at a bakery. The table shows the number of cakes each person decorated in different numbers of hours. How many more cakes can Susie decorate at the end of a 5-hour shift than Bill?

Hours	Bill	Susie
1	3	4
2	6	8
3	9	12
4	12	16

18. Kaitlyn is making parallelogram-shaped flags for the 14 girls on her softball team. The height of each flag will be 3 feet and the base of each flag will be 4.5 feet. How much fabric will Kaitlyn need to make all the flags? *The area of a parallelogram is found by multiplying base \times height.*
19. Kim is building a triangular sandbox in the backyard. The triangle has a height of 5 feet and base of 5 feet. What is the area of the sandbox? $Area = \frac{1}{2} \times b \times h$
20. The floor of a swimming pool is covered in 525 blue, 300 green, and 75 white tiles. What is the ratio of blue to white tiles?
21. Shari recorded the number of hours she slept each night, as shown in the table. What was her average time slept, in minutes per night?

Night	1	2	3	4
Time (hrs)	8	6.5	7	8.5

22. Siri is making lemonade to sell at her lemonade stand. She made a batch of 8 pitchers of lemonade using 24 lemons, 12 cups of sugar, and 20 liters of water. She decides to make a second batch of 6 pitchers of lemonade. How many liters of water should she use to make the second batch of lemonade?

Name: _____

5th into 6th

23. The table shows the percent of each type of grade earned on the math project in Ms. Robbin's class. What fraction represents the students that earned a C or better?

Grade	Percent of Students
A	5
B	10
C	3
D	2
F	1

24. Maria spends 2 hours a night doing homework. The table below shows how Maria spends her time. What decimal represents the amount of time she spends on spelling and math homework?

Subject	Time Spent
Science	$\frac{2}{5}$
Math	$\frac{3}{10}$
Spelling	$\frac{1}{10}$
Social Studies	$\frac{1}{5}$

25. Ethan read a 120-page book over the weekend. He kept a record of how many pages he read each day. Which statement is true?

Day	Pages Read
Friday	33
Saturday	72
Sunday	15

- a. Ethan read 33% of the book on Friday. b. Ethan read 40% of the book on Friday and Sunday.
c. Ethan read 66% of the book on Saturday. d. Ethan read 120% of the book over the weekend.

26. Andy is buying equipment to get ready for baseball season. He purchased a bat, a glove, and 3 baseballs. If tax on his purchases will be \$2.94, how much change will she receive from \$55?

Item	Cost (\$)
Bat	22.50
Glove	18.95
Baseball	2.50

Name: _____

5th into 6th

27. Tom is buying mulch for the flower beds around his house. The total area he need to cover with mulch is 220 square feet. Each bag of mulch covers $15\frac{3}{4}$ square feet. About how many bags will Tom need to purchase to cover his flower beds?

28. Stephanie received \$15.25 for babysitting Friday night, \$17.75 for babysitting Saturday night, and \$21.50 for doing yard work Sunday afternoon. How much more did she earn for babysitting than for doing yard work?

29. Hannah is buying snacks at the store. She buys 0.5 pound of gummy bears, 0.75 pound of chocolate covered pretzels, and 2.4 pounds of hard candy. The cost per pound of each type of snack is in the table below. How much did Hannah spend at the store?

Snack Store	
Item	Cost per Pound (\$)
Gummy Bears	2.40
Chocolate Covered Pretzels	6.00
Hard Candy	1.75

30. Natalie has an \$80 budget to buy an outfit for her school dance. She spent $\frac{1}{2}$ of her budget on a dress, $\frac{3}{8}$ of her budget on shoes, and $\frac{1}{8}$ of her budget on accessories. How much more did Natalie spend on the dress than accessories?

31. Jenny puts $\frac{2}{3}$ cup of milk in her smoothie every morning. If she buys a gallon of milk, how many smoothies can she make? (1 gallon = 16 cups)

32. John drives his car 20 meters forward in a straight line and then goes 12 meters in reverse following the same straight line. Which number represents his position from the starting point?

- a. 32 b. 8 c. -8 d. -32

Name: _____

5th into 6th

33. Stella was invited to 4 birthday parties. She wants to buy a present for each party. She will buy a doll, an outfit, and a puzzle for each party. The cost for each item is shown in the table below. Which expression represents the cost of all 4 presents?

Present	Cost (\$)
Doll	12.50
Outfit	5.75
Puzzle	3.90

- a. $4(12.5 + 5.75 + 3.90)$ b. $12.5 + 5.75 + 3.90$ c. $4 \times 12.50 + 5.75 + 3.90$ d. $4 + 12.50 + 5.75 + 3.90$

34. Laura spends 4 hours reading a book that is 76 pages long. What is the average number of pages she read per hour?

35. Misha is buying tiles to create a back splash in her kitchen. She bought 108 tiles from the store that came in 9 separate boxes. Let b represent the number of tiles in each box. Which equation below can be used to find the number of tiles in each box?

- a. $\frac{9}{b} = 108$ b. $9b = 108$ c. $9 + b = 108$ d. $b - 9 = 108$

36. The table shows the number of pizzas Mike and Roger make per hour. How many more pizzas can Mike make than Roger after 6 hours?

Hours	Mike	Roger
1	3	5
2	6	15
3	9	20
4	12	25

37. The perimeter of a rectangle is 24 inches. The rectangle is enlarged so that each side is twice as long as the original. What effect does this enlargement have on the perimeter?

38. Jamie trains for a marathon 4 days a week. She ran 6 miles, 8 miles, 5 miles, and 11 miles during the 4 days of workouts. What is the average number of miles Jamie ran each day?

VULCAN AND HIS INVENTIONS

All the gods and goddesses had perfect bodies, except one. Vulcan, the son of Jupiter and Juno, was a bright, sweet-tempered lad, but he was born disabled. It is said that Juno was so displeased that her baby was imperfect that she threw him down from heaven.

Many tales are told of the wonderful works this god created. He made the first robots—gold and silver handmaidens with mechanical brains and tongues who became his faithful servants. Vulcan also invented the first wheelchairs —moving tripods which carried him around and even scurried out of the way when not in use.

Vulcan worked at a forge on Mount Olympus and there he designed and built brass palaces for the other gods. He made armor which could not be pierced by any weapon. Vulcan also invented special golden shoes for the gods and their horses. These shoes enabled their owners to walk on air and water as easily as they could walk upon land.

The ancients believed that Vulcan had made the thunderbolts they saw descending fearsomely from the sky. Vulcan made them for his father, Jupiter. When Jupiter became angry, they believed, he would hurl these weapons from Mt. Olympus at the earth below.

Vulcan also worked at his forges, which were built inside special mountains on earth. These mountains were hollow, and one could see smoke and flame rising from them. The ancients named these special mountains after the god they believed to work within them. Can you guess the name?

1. Ancient people believed that thunderbolts were a sign of
 - A. Jupiter's anger.
 - B. Vulcan making shoes.
 - C. Juno's displeasure.
 - D. Vulcan making robots.

2. The "special mountains" said to hold Vulcan's forges are most likely called
 - A. smoky mountains.
 - B. hollow hills.
 - C. volcanoes.
 - D. eminences.

3. How was Vulcan different from the other gods?
- A. He was bright.
 - B. He was perfect.
 - C. He was sweet-tempered.
 - D. He was disabled.
4. In the fourth paragraph, the word *fearsomely* means
- A. carefully.
 - B. frighteningly.
 - C. fearfully.
 - D. quietly.
5. Which of the following statements is an opinion?
- A. Vulcan created special shoes for the gods and their horses.
 - B. No weapon could break through the armor that Vulcan had made.
 - C. The gods looked ridiculous in Vulcan's golden shoes.
 - D. Vulcan created the first form of a wheelchair.
6. The author asks a question about mountains
- A. to show that Vulcan is a real person.
 - B. to connect Vulcan's story with real life.
 - C. to complain about the dangers of nature.
 - D. to prove that all mountains are alike.
7. According to the passage, which of these is true of the gods of ancient Greece?
- A. They were important to the people.
 - B. They were actually humans.
 - C. They were cruel to one another.
 - D. They were hidden away in mountains.

8. Vulcan created many wondrous inventions.

- List **THREE** of Vulcan's inventions.
- Describe **HOW** these inventions changed his life or the lives of others.

Use information from the story to support your response.

from "THE RED BADGE OF COURAGE" – Part II

by Stephen Crane

The guns squatted in a row like savage chiefs. They argued with abrupt violence. It was a grim pow-wow. Their busy servants ran hither and thither.

A small procession of wounded men were going drearily toward the rear. It was a flow of blood from the torn body of the brigade.

To the right and to the left were the dark lines of other troops. Far in front he thought he could see lighter masses protruding in points from the forest. They were suggestive of unnumbered thousands.

Once he saw a tiny battery go dashing along the line of the horizon. The tiny riders were beating the tiny horses.

From a sloping hill came the sound of cheerings and clashes. Smoke welled slowly through the leaves.

Batteries were speaking with thunderous oratorical effort. Here and there were flags, the red in the stripes dominating. They splashed bits of warm color upon the dark lines of troops.

The youth felt the old thrill at the sight of the emblems. They were like beautiful birds strangely undaunted in a storm.

As he listened to the din from the hillside, to a deep pulsating thunder that came from afar to the left, and to the lesser clamors which came from many directions, it occurred to him that they were fighting, too, over there, and over there, and over there. Heretofore he had supposed that all the battle was directly under his nose.

As he gazed around him the youth felt a flash of astonishment at the blue, pure sky and the sun gleamings on the trees and fields. It was surprising that Nature had gone tranquilly on with her golden process in the midst of so much devilment.

1. According to the passage, the word *emblems* means
 - A. shapes.
 - B. scenery.
 - C. soldiers.
 - D. symbols.

2. By the end of the passage, what did the youth come to realize?
- A. He had the power to change the things around him.
 - B. The troops on both sides of the battle were the same.
 - C. Nature continued to go on even in troubled times.
 - D. The battle was much smaller than he had first imagined.
3. Which word BEST describes the mood of this passage?
- A. hopeful
 - B. cheerful
 - C. wild
 - D. angry
4. Which of the following BEST describes how the youth felt about the flag?
- A. He was pleased every time he saw it.
 - B. He felt that the flag was too small.
 - C. He was fearful every time he saw it.
 - D. He felt that the flag was too colorful.

5. Imagine that you are the youth in the story. Write a letter to a friend that explains how you feel about the battle. Use details from the passage that show how the youth feels about the battle.

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.

When **Robert Frost's** father died in 1885, Robert was eleven years old. The family left California. They settled in Massachusetts. Frost attended Lawrence High School. He later married the girl who had tied him there for the best grades. He then entered Dartmouth College. He remained there less than one semester. Returning to Massachusetts, Frost taught school. He also worked in a mill and as a newspaper reporter. From 1897 to 1899, he attended Harvard College as a special student. He left without a degree. Over the next ten years, he wrote (but rarely published) poems and operated a farm in Derry, New Hampshire. Frost supplemented his income by teaching at Pinkerton Academy.

THREE POEMS

by Robert Frost

"FIRE AND ICE"

Some say the world will end in fire,
Some say in ice.
From what I've tasted of desire
I hold with those who favour fire.
But if it had to perish twice,
I think I know enough of hate
To say that for destruction ice
Is also great
And would suffice.

"STOPPING BY WOODS ON A SNOWY EVENING"

Whose woods these are I think I know.
His house is in the village though;
He will not see me stopping here
To watch his woods fill up with snow.
My little horse must think it queer
To stop without a farmhouse near
Between the woods and frozen lake
The darkest evening of the year.
He gives his harness bells a shake
To ask if there is some mistake.
The only other sound's the sweep
Of easy wind and downy flake.
The woods are lovely, dark and deep.
But I have promises to keep,
And miles to go before I sleep,
And miles to go before I sleep.

"THE ROAD NOT TAKEN"

Two roads diverged in a yellow wood,
And sorry I could not travel both
And be one traveler, long I stood
And looked down one as far as I could
To where it bent in the undergrowth;
Then took the other, as just as fair,
And having perhaps the better claim,
Because it was grassy and wanted
wear;
Though as for that the passing there
Had worn them really about the same,
And both that morning equally lay
In leaves no step had trodden black.
Oh, I kept the first for another day!
Yet knowing how way leads on to way,
I doubted if I should ever come back.
I shall be telling this with a sigh
Somewhere ages and ages hence:
Two roads diverged in a wood, and I—
I took the one less traveled by,
And that has made all the difference.

1. To which of the following senses do the first two lines of "Fire and Ice" appeal?
 - A. sight
 - B. smell
 - C. hearing
 - D. touch

2. What does the speaker in "Stopping by Woods on a Snowy Evening" want to do?
 - A. meet the farmer
 - B. stay in the woods
 - C. get back home
 - D. go to sleep

3. In "Stopping by Woods on a Snowy Evening," why doesn't the speaker remain to watch the snow fall in the woods?
 - A. The owner of the woods will be returning soon.
 - B. The horse is warning him that danger is near.
 - C. The evening is too cold to be standing outside.
 - D. The speaker has certain places he needs to be.

4. Which word BEST describes the mood in "Stopping by Woods on a Snowy Evening"?
 - A. bored
 - B. reflective
 - C. foolish
 - D. cowardly

5. At the end of "The Road Not Taken," how does the speaker feel?
 - A. The speaker wishes that he could live his life over again.
 - B. The speaker prefers to take walks in the morning.
 - C. The speaker is happy with how his life has turned out.
 - D. The speaker thinks that he missed his one chance to fall in love.

6. Many poets today do not use rhyme. Robert Frost once said that he would just as soon play tennis without a net than write poetry without rhyme. How important do you think rhyming is to good poetry? Why? Use details from the poems in your answer.

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Name: _____

Nonfiction Reading Test

Google

Directions: Read the following passage and answer the questions that follow. Refer to the text to check your answers when appropriate.

You know that you're doing something big when your company name becomes a verb. Ask Xerox. In 1959 they created the first plain paper copy machine. It was one of the most successful products ever. The company name Xerox grew into a verb that means "to copy," as in "Bob, can you Xerox this for me?" Around 50 years later, the same thing happened to Google. Their company name grew into a verb that means "to do an internet search." Now everyone and their grandma knows what it means to Google it.

Unlike Xerox, Google wasn't the first company to invent their product, not by a long shot. Lycos released their search engine in 1993. Yahoo! came out in 1994. AltaVista began serving results in 1995. Google did not come out until years later, in 1998. Though a few years difference may not seem like much, this is a major head start in the fast moving world of tech. So how did Google do it? How did they overtake their competitors who had such huge leads in time and money? Maybe one good idea made all the difference.

There are millions and millions of sites on the internet. How does a search engine know which ones are relevant to your search? This is a question that great minds have been working on for decades. To understand how Google changed the game, you need to know how search engines worked in 1998. Back then most websites looked at the words in your query. They counted how many times those words appeared on each page. Then they might return pages where the words in your query appeared the most. This system did not work well and people often had to click through pages and pages of results to find what they wanted.

Google was the first search engine that began considering links. Links are those blue underlined words that take you to other pages when you click on them. Larry Page, cofounder of Google, believed that meaningful data could be drawn from how those links connect. Page figured that websites with many links pointing at them were more important than those that had few. He was right. Google's search results were much better than their rivals. They would soon become the world's most used search engine.

It wasn't just the great search results that led to Google becoming so well liked. It also had to do with the way that they presented their product. Most of the other search engines were cluttered. Their home pages were filled with everything from news stories to stock quotes. But Google's homepage was, and still is, clean. There's nothing on it but the logo, the search box, and a few links. It almost appears empty. In fact, when they were first testing it, users would wait at the home page and not do anything. When asked why, they said that they were, "waiting for the rest of the page to load." People couldn't imagine such a clean and open page as being complete. But the fresh design grew on people once they got used to it.

These days Google has its hands in everything from self-driving cars to helping humans live longer. Though they have many other popular products, they will always be best known for their search engine. The Google search engine has changed our lives and our language. Not only is it a fantastic product, it is a standing example that one good idea (and a lot of hard work) can change the world.

1. Which event happened last?
 - a. Lycos released their search engine.
 - b. Yahoo! released their search engine.
 - c. Google released their search engine.
 - d. Xerox released their copy machine.

2. Which statement would the author of this text most likely **disagree** with?
 - a. Part of Google's success is due to the design of their homepage.
 - b. Google succeeded by following examples of others in their field.
 - c. Google wasn't the first search engine, but it was the best.
 - d. Google's success may not have been possible without Larry Page.

3. Which best expresses the main idea of the third paragraph?
 - a. There are lots and lots of websites connected to the internet.
 - b. Google created a better way to organize search results.
 - c. Many smart people have worked on search engines over the years.
 - d. Older search engines used unreliable methods to order results.

4. What is the author's main purpose in writing this article?
 - a. To explain how Google overtook its rivals
 - b. To compare and contrast Google and Xerox
 - c. To persuade readers to use Google for internet searches
 - d. To discuss how companies can influence language over time

5. Which statement would the author most likely **agree** with?
 - a. Google became successful because its founders were well-connected.
 - b. Google was the world's first and best search engine.
 - c. Google changed the world by solving an old problem in a new way.
 - d. Google's other products are now more important to its success than search.

6. Which best expresses the main idea of the fourth paragraph?
 - a. Links allow people to surf from one website to the next.
 - b. Larry Page's ideas about links helped Google get to the top.
 - c. Larry Page contributed to the internet by inventing the link.
 - d. Google is a website that serves important links to users.

7. Which best explains why the author discusses Xerox in this text?
 - a. He is discussing big companies that came before Google.
 - b. He is explaining how companies must change with the times.
 - c. He is showing how companies can affect our language.
 - d. He is comparing and contrasting Google and Xerox.

- ### Long Response

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- This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.

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This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

Name: _____

Author's Purpose Worksheet 6

Directions: read the description, determine the author's purpose, and then explain your answer.

1. A handbook teaching people how to negotiate

Author's Purpose:
(to inform, persuade, or entertain)

How do you know? Write a sentence explaining your answer.

2. A public service announcement telling kids to stay in school

Author's Purpose:
(to inform, persuade, or entertain)

How do you know? Write a sentence explaining your answer.

3. A menu for a local pizzeria listing the sizes and prices of pizzas and available toppings

Author's Purpose:
(to inform, persuade, or entertain)

How do you know? Write a sentence explaining your answer.

4. A song about pizza by popular music artist, Miss Directed

Author's Purpose:
(to inform, persuade, or entertain)

How do you know? Write a sentence explaining your answer.

5. The track listing to Miss Directed's album, *I Want Pizza*, which shows the order, length, and producer of each song

Author's Purpose:
(to inform, persuade, or entertain)

How do you know? Write a sentence explaining your answer.

6. A radio commercial script calling Miss Directed's new album, "The soundtrack of our lives."

Author's Purpose:

(to inform, persuade, or entertain)

How do you know? Write a sentence explaining your answer.

7. A pie graph showing how many pies were sold in each flavor during November last year

Author's Purpose:

(to inform, persuade, or entertain)

How do you know? Write a sentence explaining your answer.

8. A children's book about a cherry pie and an apple pie that overcome their differences to become good friends

Author's Purpose:

(to inform, persuade, or entertain)

How do you know? Write a sentence explaining your answer.

9. A bookmark by the American Dairy Association listing 10 reasons to drink milk

Author's Purpose:

(to inform, persuade, or entertain)

How do you know? Write a sentence explaining your answer.

10. A Sunday comic strip that tackles serious issues like immigration and health care

Author's Purpose:

(to inform, persuade, or entertain)

How do you know? Write a sentence explaining your answer.

11. A cell phone application that suggests dozens of recipes based on what ingredients you have

Author's Purpose:

(to inform, persuade, or entertain)

How do you know? Write a sentence explaining your answer.

Name: _____

Characterization Worksheet 3

Directions: Read the short passages. Answer the question by identifying an implied character trait. Explain your answer by referencing the text.

1. Daren showed up at the banquet with food stains all over his dress shirt. He sat down, put his feet on the table, and burped loudly. The other people sitting at the table looked at each other but continued eating.

What character trait does Daren demonstrate? _____

Explain your answer by referencing the text.

2. Diamond spent twelve hours working on her Popsicle stick White House yesterday. Today she noticed that there are bushes in front of the building, so she spent another six hours making bushes out of construction paper.

What character trait does Diamond demonstrate? _____

Explain your answer by referencing the text.

3. Courtney asked her neighbor if she could borrow an egg to complete a recipe that she had already started. The next day Courtney returned an egg to her neighbor along with a thank you card expressing her sincere gratitude.

What character trait does Courtney demonstrate? _____

Explain your answer by referencing the text.

4. When Angela asked her mother if she could go to the party, her mother said that she could not. So Angela asked her father, who said that she could. She then played her parents off one another until she got her way. Angela enjoyed herself at the party.

What character trait does Angela demonstrate? _____

Explain your answer by referencing the text.

5. Kelvin found a wallet on the ground. He opened up the wallet and saw an old woman's ID card. Kelvin took the money out of the wallet and threw the wallet in a ditch.

What character trait does Kelvin demonstrate? _____

Explain your answer by referencing the text.

6. Kelly likes Aaron because they have many things in common. They have formed a great connection and she thinks that Aaron is very handsome, but Kelly wants to date Burt. Even though Kelly had nothing in common with Burt, he drives a fancy car and he spends a lot of money. She likes this about him.

What character trait does Kelly demonstrate? _____

Explain your answer by referencing the text.

7. Brad spends two to four hours a day grooming himself. This regimen includes an extensive time period during which Brad lovingly admires his appearance in the mirror.

What character trait does Brad demonstrate? _____

Explain your answer by referencing the text.

8. Jared got off the train from his small farm village. He was now in the big city. An unshaven man with a trench coat with several holes in it approached Jared and told him that he was a police officer and that he needed to see Jared's wallet. Jared did not think that the man looked like a police officer, but he didn't want to get arrested on his first day in the city, so Jared reached into the front pocket of his overalls and gave the man his wallet. The man promptly ran away leaving Jared with no money.

What character trait does Jared demonstrate? _____

Explain your answer by referencing the text.

9. It was the bottom of the ninth inning and the home team was down by one. There was a man on second base when Bruce stepped up to the plate. Bruce pointed to right field. The pitcher threw his fastball. Bruce got a hold of it and sent it flying to right field. The home team won.

What character trait does Bruce demonstrate? _____

Explain your answer by referencing the text.

10. Kathy has a big project due in two weeks. She spends the next twelve days interacting with people from her school on social networks. The night before the project is due, she rushes to complete it and gets a C- as a final grade. She was happy with the grade.

What character trait does Kathy demonstrate? _____

Explain your answer by referencing the text.

Name: _____

Context Clues 1.3

Directions: read each sentence and determine the meaning of the word using cross sentence clues or your prior knowledge. Then, explain what clues in the sentence helped you determine the word meaning.

1. **unpleasant:** Brian felt that Ms. Golding was much more **unpleasant** than usual and he suspected that she did not have her coffee this morning.

Definition: _____

What clues in the sentence lead you to your definition?

2. **remedy:** The richest man in town was losing his hearing and he offered a large reward to anyone who could find a **remedy** for his condition.

Definition: _____

What clues in the sentence lead you to your definition?

3. **singe:** The curling iron was so hot that Martha **singed** her hair when she tried using it.

Definition: _____

What clues in the sentence lead you to your definition?

4. **quarrel:** Max was sick of **quarreling** with his wife about money when all he wanted to do was enjoy her company.

Definition: _____

What clues in the sentence lead you to your definition?

5. **conclude:** After finding crumbs all over Fido's bed, Mom **concluded** that the dog had eaten the cookies.

Definition: _____

What clues in the sentence lead you to your definition?

6. **enormous:** After taking the final exam, Felix felt as though an **enormous** burden had been lifted.

Definition: _____

What clues in the sentence lead you to your definition?

7. **haughty**: Megan did not like the new girl because she was rich, **haughty**, and kept her nose up high.

Definition: _____

What clues in the sentence lead you to your definition?

8. **dreary**: After the quarterback from the visiting team snuck in for another touchdown, the mood over the home team's bleachers grew quite **dreary**.

Definition: _____

What clues in the sentence lead you to your definition?

9. **dispute**: My father and Mr. McClure, our neighbor, have had a **dispute** as to the property line separating our two houses ever since Mr. McClure planned to build a fence.

Definition: _____

What clues in the sentence lead you to your definition?

10. **absurd**: Bobby thought that Clyde's theories about their substitute teacher being an alien were **absurd**.

Definition: _____

What clues in the sentence lead you to your definition?

11. **involuntary**: As a student serving a detention, Derrick's participation on the school cleanup crew was **involuntary**, unlike Scott, who genuinely wanted to make the school a better place.

Definition: _____

What clues in the sentence lead you to your definition?

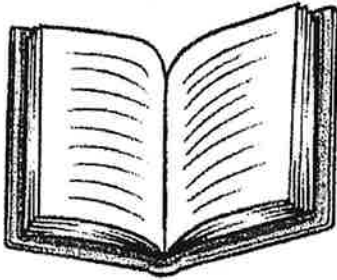
12. **native**: Unlike most of the college students, who came to DeKalb from many different parts of the state and nation to attend the university, Cletus was a **native** of the town, born and raised.

Definition: _____

What clues in the sentence lead you to your definition?

Bonus: Define each of the words on a separate sheet of paper to check your answers. Attach your sheet.

Reading Log



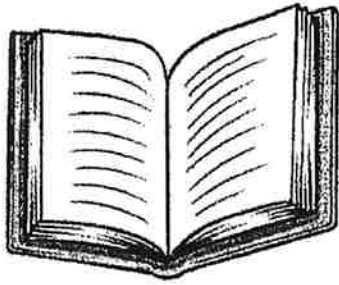
Date: _____

Title of
Book: _____

How Many Pages Did You Read? _____

How Long Did You Read? _____ minutes

Write A Brief Description of What You Read



Reading Log

Date: _____

Title of
Book: _____

How Many Pages Did You Read? _____

How Long Did You Read? _____ minutes

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