

Name: \_\_\_\_\_

**Optional** Rising 5<sup>th</sup> Grade Summer Review

**Chapter 1: Place Value**

\*Please read the directions carefully for each section. When you finish, go back over your work to make sure that you answered every question and that each answer makes sense.

Part 1: Write the **place** AND then the **value** of the underlined digit.

1) 3,962 \_\_\_\_\_ and \_\_\_\_\_

2) 65,186 \_\_\_\_\_ and \_\_\_\_\_

3) 3,495,638 \_\_\_\_\_ and \_\_\_\_\_

Part 2: Write these numbers in **standard form**.

4) 800,000 + 90,000 + 600 + 50 + 2

---

5) fifty million, seven hundred seventy-seven thousand, three hundred one

---

Part 3: Write these numbers in **expanded form**.

6) 6,540

---

7) 413,827

---

Part 4: Compare. Write  $<$ ,  $=$ , or  $>$ .

8) 584,783 \_\_\_\_\_ 584,378

9) 708 \_\_\_\_\_ 807

10) 12,367 \_\_\_\_\_ 12,637

Part 5: Write in order from **least** to **greatest**.

11) 426 ; 420 ; 431

---

Go on to the next page.

Part 6: On the number line, put the two given number one end and the other. Draw an arrow on the number line to show **the halfway point** between the two numbers. What is that number?

12) 80 , 90 What is that number? \_\_\_\_\_ 13) 200 , 400 What is that number? \_\_\_\_\_



Part 7: Making Change: Use the fewest coins and bills you can to give as change. You can use either the subtraction method or the count up method, but I have to see the coins and bills you would use.

P , N , D , Q , HD , \$1 , \$5 .

14) Cost: \$3.22                  Amount given: \$10.00

Coins & Bills: \_\_\_\_\_

Value: \$3.22 → \_\_\_\_\_

15) Cost: \$3.71                  Amount given: \$5.00

Coins & Bills: \_\_\_\_\_

Value: \$3.71 → \_\_\_\_\_

Part 8: Round each number to the underlined digit. (\*Remember the rule.\*)

16) 1878 → \_\_\_\_\_                  17) \$427.29 → \_\_\_\_\_

Part 9: Use the skills and strategies you have learned to solve. *Please show your work.*

18) Oliver has 5 quarters. William has 11 dimes. Dallas has one-dollar bill and two nickels? Who has the most money?

Name: \_\_\_\_\_

**Optional** Rising 5<sup>th</sup> Grade Summer Review

**Chapter 2: Addition & Subtraction Concepts**

\*Please read the directions carefully for each section. When you finish, go back over your work to make sure that you answered every question and that each answer makes sense.

Part 1: Add

$$\begin{array}{r} 1) \quad 6 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 2) \quad 5 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 3) \quad 4 \\ \quad 5 \\ \quad 3 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 4) \quad 2 \\ \quad 9 \\ \quad 1 \\ + 3 \\ \hline \end{array}$$

Part 2: Subtract.

$$\begin{array}{r} 5) \quad 18\text{¢} \\ - 8\text{¢} \\ \hline \end{array}$$

$$\begin{array}{r} 6) \quad 9\text{¢} \\ - 6\text{¢} \\ \hline \end{array}$$

$$\begin{array}{r} 7) \quad 13\text{¢} \\ - 5\text{¢} \\ \hline \end{array}$$

Part 3: Write an expression for each. Choose your own variable to answer each.

8) Charles scores 12 points in the first half of the basketball game. He scored some points in the second half. What expression shows how many points Charles scored in all?

9) Jeff baked cookies. After eating some, he has 8 left. What expression shows the number of cookies Jeff baked?

Part 4: Find the missing addend.

$$\begin{array}{l} 10) \quad 6 + r = 10 \\ r = \underline{\hspace{2cm}} \end{array}$$

$$\begin{array}{l} 11) \quad 7 + m = 15 \\ m = \underline{\hspace{2cm}} \end{array}$$

$$\begin{array}{l} 12) \quad 5 + c = 11 \\ c = \underline{\hspace{2cm}} \end{array}$$

Part 5: Find the missing minuend or subtrahend.

$$\begin{array}{l} 13) \quad q - 5 = 8 \\ q = \underline{\hspace{2cm}} \end{array}$$

$$\begin{array}{l} 14) \quad 17 - z = 8 \\ z = \underline{\hspace{2cm}} \end{array}$$

$$\begin{array}{l} 15) \quad 6 = r - 4 \\ r = \underline{\hspace{2cm}} \end{array}$$

Part 6: Add and subtract money.

$$\begin{array}{r} 16) \quad \$4.30 \\ + 5.65 \\ \hline \end{array}$$

$$\begin{array}{r} 17) \quad \$7.85 \\ - 2.40 \\ \hline \end{array}$$

$$\begin{array}{r} 18) \quad \$427.52 \\ + 42.27 \\ \hline \end{array}$$

Part 7: Add & check.

$$\begin{array}{r} 19) \quad 5233 \\ + \quad 2614 \\ \hline \end{array}$$

$$\begin{array}{r} 20) \quad \$45.42 \\ \quad \quad 2.23 \\ + \quad 2.14 \\ \hline \end{array}$$

Part 8: Subtract & check.

$$\begin{array}{r} 21) \quad \quad 5987 \\ - \quad 2624 \\ \hline \end{array}$$

$$\begin{array}{r} 22) \quad \quad \$68.35 \\ - \quad 24.23 \\ \hline \end{array}$$

Part 9: Solve.

23)

Ian has 6 nature books. For each nature book, he has 2 science books. For every science book, he has 2 animal books. How many animal books does he have?

24)

Chandra, Jane, Jim, and Alec are standing in line. Jim is behind Chandra and is not in front of Alec. Chandra is not first. Jane is last. In what order are the children standing in line?







Part Five: Multiply with \$. (Please remember the \$ sign and the decimal point.)

			12)									13)							
					\$	8	.	9	5						\$	6	.	6	1
				x					6						x				4

Part Six: Multiply.

			14)									15)							16)	
						1	4												4	2
				x		1	2							x					6	2

Part Seven: Multiply.

			17)									18)								19)			
						1	2	9												6	3	4	
				x			7	5												x		4	5

Part Eight: Solve. PLEASE SHOW YOUR WORK!

20) Bob baked cupcakes for a bake sale. He charged \$.50 per cupcake. If he sold 68 cupcakes, how much money did he earn?



Name: \_\_\_\_\_

**Optional** Rising 5<sup>th</sup> Grade Summer Review

**Chapter 5: Divide by One Digit**

\*Please read the directions carefully for each section. When you finish, go back over your work to make sure that you answered every question and that each answer makes sense.

Part One: Write four related facts using the given numbers. (\*FACT FAMILIES\*)

1) 4, 9, 36

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

2) 9, 7, 63

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Part Two: Find the missing divisor.

3)  $56 \div n = 8$

$n =$  \_\_\_\_\_

4)  $32 \div 8 = c$

$c =$  \_\_\_\_\_

Part Three: Divide. Write the remainder.

4)  $3 \overline{)13}$

5)  $9 \overline{)67}$

6)  $7 \overline{)49}$

Part Four: Determine if the number is divisible by 2, 5, 10, 3, & 6.

➤ Circle the number if it IS DIVISIBLE by that number.

➤ Place an X over the number if it is NOT DIVISIBLE by that number

7) 75      2, 5, 10, 3, & 6

8) 144      2, 5, 10, 3, & 6

9) 1830      2, 5, 10, 3, & 6



Name: \_\_\_\_\_

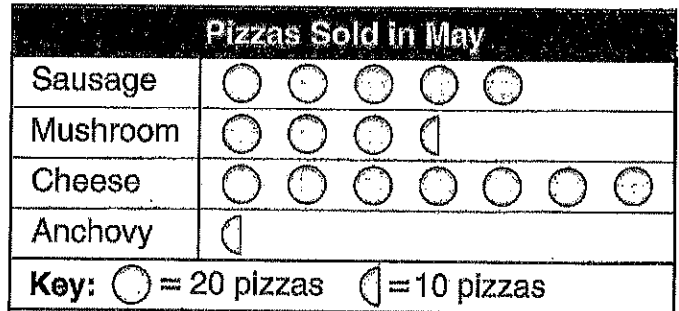
### Optional Rising 5<sup>th</sup> Grade Summer Review

#### Chapter 7: Statistics & Probability

\*Please read the directions carefully for each section. When you finish, go back over your work to make sure that you answered every question and that each answer makes sense.

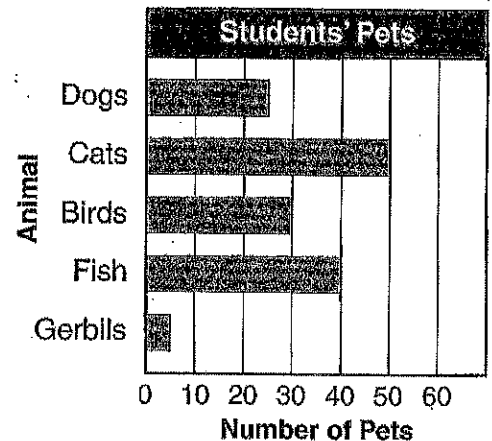
Part One: Use the pictograph to answer the following questions.

1. How many more cheese pizzas were sold than mushroom pizzas?
2. What kind of pizza was least popular?
3. Which was the most popular?



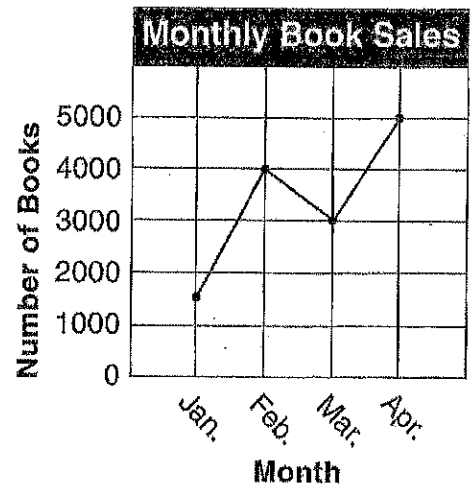
Part Two: Use the bar graph to answer the following questions.

4. Which kind of pet do 30 students have?
5. How many more students have cats than have gerbils?
6. How many students have fish?



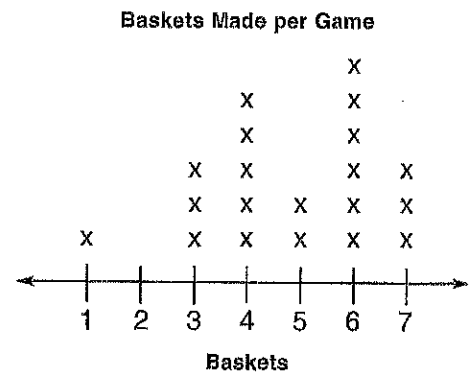
Part Three: Use the line graph to answer the following questions.

7. In which month was the greatest number of books sold?
8. What was the total number of books sold in March and April?
9. Between which two months was the increase in book sales the greatest?



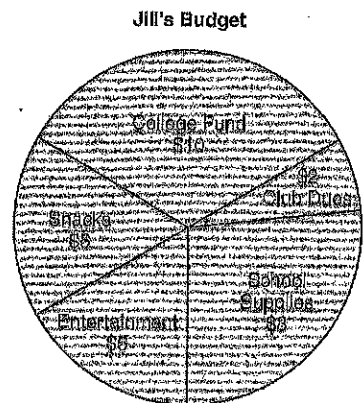
Part Four: Use the line plot to answer the following questions.

10. What is the range of the data?
11. What is the mode of the data?
12. Are there any outliers?



Part Five: Use the circle graph to answer the following questions.

13. How much money did Jill budget for school supplies?
14. Which two items did Jill budget the same amount?
15. Did she budget more for entertainment or school supplies?



Part Six: Solve.

16. John has a blue shirt, a white shirt, and a gray shirt. He has a striped tie and a flower print tie. How many combinations of shirt and tie can he wear.
17. On Saturday Kahlid can go to a movie, a ball game, or bowling. Afterward he can have supper at either a pizza, burger, taco, or chicken restaurant. How many ways can he choose to spend Saturday?

Name: \_\_\_\_\_

**Optional** Rising 5<sup>th</sup> Grade Summer Review

**Chapter 8: Fraction Concepts**

\*Please read the directions carefully for each section. When you finish, go back over your work to make sure that you answered every question and that each answer makes sense.

Part 1: Write each as a fraction. Then circle the **denominator**.

1) four fifths \_\_\_\_\_ 2) three sevenths \_\_\_\_\_

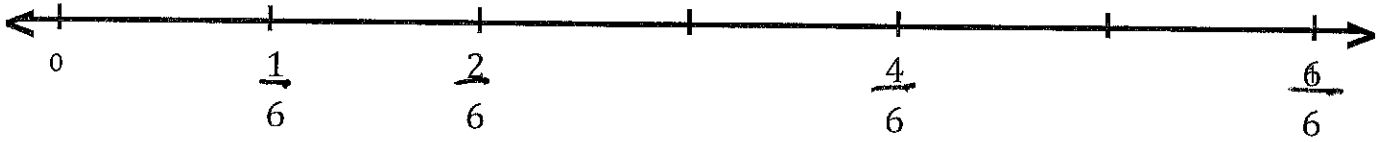
Part 2: Write each fraction in words

3)  $\frac{1}{10}$  \_\_\_\_\_

4)  $\frac{2}{7}$  \_\_\_\_\_

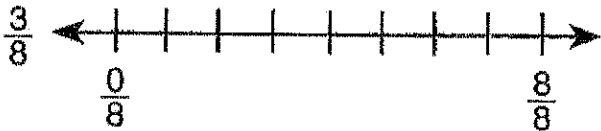
Part 3: Write the missing fractions that complete each number line.

5)



Part 4: Show each fraction on the number line.

6)



7)



Part 5: Use the number line.

Write whether each fraction is *closer to 0*, *closer to 1/2*, or *closer to 1*.



8)

$\frac{1}{8}$  \_\_\_\_\_

9)

$\frac{5}{8}$  \_\_\_\_\_

Part 6: Write the equivalent fraction.

$$10) \frac{2}{5} \times \frac{\underline{\quad}}{\underline{\quad}} = \frac{\underline{\quad}}{10}$$

$$11) \frac{3}{12} \div \frac{\underline{\quad}}{\underline{\quad}} = \frac{\underline{\quad}}{4}$$

$$12) \frac{2}{3} \frac{\underline{\quad}}{\underline{\quad}} = \frac{\underline{\quad}}{6}$$

Part 7: List all the factors of each.

13) 9: \_\_\_\_\_

14) 21: \_\_\_\_\_

Part 8: List all the factors of each number. Circle the common factors. Then underline the GCF.

15) 12: \_\_\_\_\_

16: \_\_\_\_\_

16) 18: \_\_\_\_\_

30: \_\_\_\_\_

Part 9: Write each fraction in simplest form.

$$17) \frac{9}{18} \div \frac{\underline{\quad}}{\underline{\quad}} =$$

$$18) \frac{15}{20} \div \frac{\underline{\quad}}{\underline{\quad}} =$$

$$19) \frac{6}{24} \div \frac{\underline{\quad}}{\underline{\quad}} =$$

Part 10: Compare. Write <, =, or >. **PLEASE SHOW YOUR WORK!**

$$20) \frac{2}{3} \bigcirc \frac{6}{9}$$

$$21) \frac{1}{2} \bigcirc \frac{4}{6}$$

$$22) \frac{8}{12} \bigcirc \frac{3}{4}$$

Part 11: Order the fractions from **Least to Greatest**. **PLEASE SHOW YOUR WORK!**

23)  $\frac{3}{7}, \frac{5}{7}, \frac{2}{7}$

---

24)  $\frac{5}{6}, \frac{2}{3}, \frac{2}{6}$

---

25)  $\frac{1}{2}, \frac{1}{8}, \frac{6}{8}$

---

Part 12: Solve. **PLEASE SHOW YOUR WORK!**

26)

Warren, Tami, and Omar each walked in the park. One walked  $3\frac{3}{10}$  miles, another walked  $3\frac{4}{10}$  miles, and the third walked  $3\frac{3}{5}$  miles. Omar walked the farthest, and Tami walked less than Warren. How far did Warren walk?

27)

Two fifths of the students in Ms. Walsh's third grade class are girls. Are there more girls than boys?

Name: \_\_\_\_\_

**Optional** Rising 5<sup>th</sup> Grade Summer Review

**Chapter 9: Fractions: Addition & Subtraction**

\*Please read the directions carefully for each section. When you finish, go back over your work to make sure that you answered every question and that each answer makes sense.

Part 1: **ADD**. Write each sum in *simplest form*.

**PLEASE SHOW ALL YOUR WORK!**

$$\begin{array}{r} 1) \quad \frac{2}{9} \\ \quad \frac{1}{9} \\ + \quad \frac{9}{9} \\ \hline \end{array}$$

$$\begin{array}{r} 2) \quad \frac{1}{8} \\ \quad \frac{5}{8} \\ + \quad \frac{8}{8} \\ \hline \end{array}$$

$$3) \quad \frac{3}{4} + \frac{1}{4} =$$

$$4) \quad \frac{2}{12} + \frac{1}{3} =$$

$$\begin{array}{r} 5) \quad 8 \frac{1}{4} \\ \quad 4 \frac{1}{4} \\ + \quad \frac{4}{4} \\ \hline \end{array}$$

$$\begin{array}{r} 6) \quad 7 \frac{2}{9} \\ \quad 8 \frac{1}{3} \\ + \quad \frac{4}{9} \\ \hline \end{array}$$

Part 2: Write as a whole number or a mixed number in *simplest form*.

**PLEASE SHOW ALL YOUR WORK!**

$$7) \quad \frac{13}{6} =$$

$$8) \quad \frac{26}{10} =$$

Go on to the next page.



Part 2: **SUBTRACT**. Write each difference in *simplest form*.

**PLEASE SHOW ALL YOUR WORK!**

$$\begin{array}{r} 11) \quad \frac{3}{4} \\ \quad \frac{7}{4} \\ - \quad \frac{16}{4} \\ \hline \end{array}$$

$$\begin{array}{r} 12) \quad \frac{7}{9} \\ \quad \frac{4}{9} \\ - \quad \frac{9}{9} \\ \hline \end{array}$$

$$\begin{array}{r} 13) \quad \frac{6}{15} \\ \quad \frac{2}{15} \\ - \quad \frac{6}{15} \\ \hline \end{array}$$

$$14) \quad 8\frac{4}{6} - 5\frac{8}{24} =$$

$$15) \quad 8\frac{5}{6} - 2\frac{2}{3} =$$

$$\begin{array}{r} 16) \quad 5 \\ \quad 2\frac{3}{8} \\ - \quad \frac{2\frac{3}{8}}{8} \\ \hline \end{array}$$

$$\begin{array}{r} 17) \quad 8 \\ \quad 7\frac{9}{10} \\ - \quad \frac{7\frac{9}{10}}{10} \\ \hline \end{array}$$

$$\begin{array}{r} 18) \quad 8\frac{7}{10} \\ \quad 5\frac{6}{15} \\ - \quad \frac{5\frac{6}{15}}{15} \\ \hline \end{array}$$

$$19) \quad 7\frac{2}{5} - 2\frac{3}{10} =$$

20) Suzy ran  $\frac{3}{4}$  of a mile and Bob ran  $\frac{3}{5}$  of a mile. How much farther did Suzy run than Bob?

Choose one answer.

When adding or subtracting fractions, what do you have to have to be successful?

a) like numerators

b) like mixed numbers

c) like denominators

d) unlike denominators

Name: \_\_\_\_\_

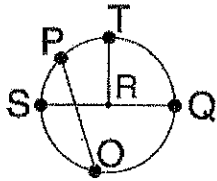
**Optional Rising 5<sup>th</sup> Grade Summer Review**

**Chapter 9: Fraction: Addition & Subtraction**

\*Please read the directions carefully for each section. When you finish, go back over your work to make sure that you answered every question and that each answer makes sense.

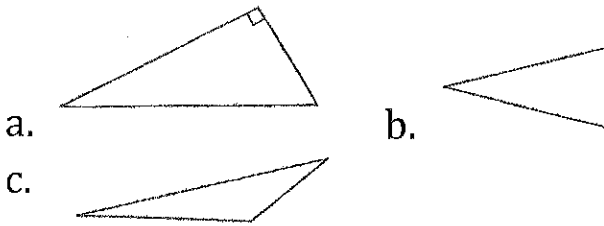
Choose the best answer.

1. Choose the diameter.    a. PO

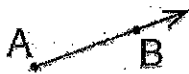


- b. TR
- c. QS
- d. SR

2. Choose the acute triangle.

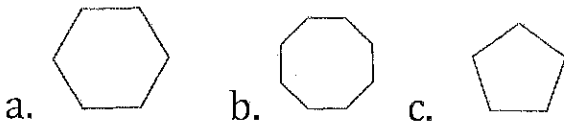


3. Name the figure.    a. line segment



- b. point
- c. line
- d. ray

4. Choose the pentagon.

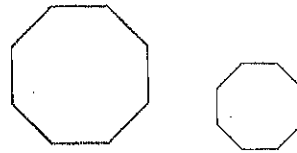


5. Name the figure.



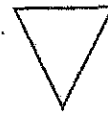
- a.  $\overrightarrow{FE}$
- b.  $\overleftrightarrow{DEF}$
- c.  $\overline{FD}$
- d.  $\angle DEF$

6. Are these figures similar?



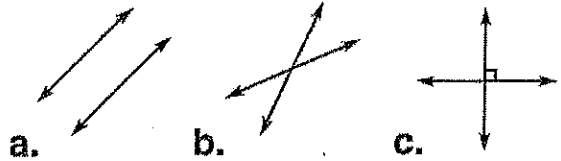
- a. Yes
- b. No
- c. Cannot tell

7. Name the figure.

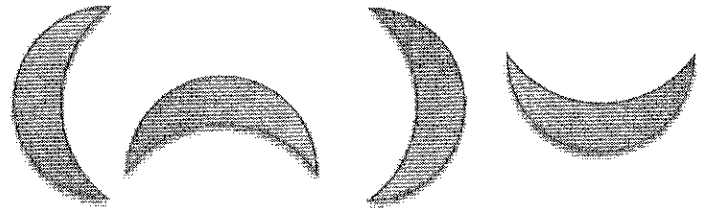


- a. triangle
- b. parallelogram
- c. pentagon
- d. octagon

8. Which of these are parallel lines?



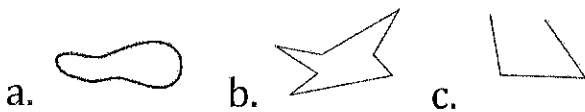
9. Choose the transformation shown.



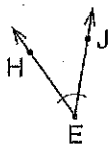
- a. translation
- b. reflection
- c. rotation

10. How many angles does a hexagon have?  
 a. 3  
 b. 4  
 c. 5  
 d. 6

11. Which of these is a polygon?

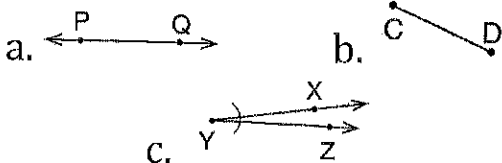


12. Which is **NOT** the way to name this angle.

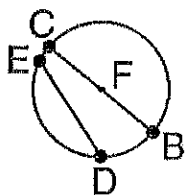


- a.  $\angle E$   
 b.  $\angle HEJ$   
 c.  $\angle HJE$   
 d.  $\angle JEH$

13. Which is a line segment.

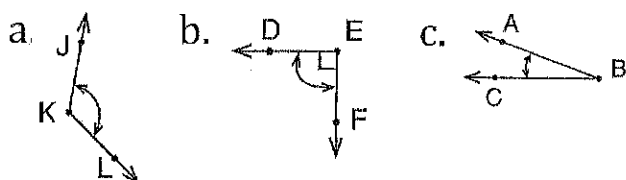


14. Which of the following is a radius?

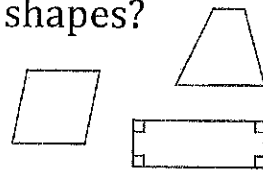


- a. F  
 b. CB  
 c. ED  
 d. BF

15. Which of the following is a right angle?

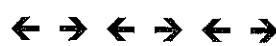


16. What one term names all these shapes?



- a. squares  
 b. quadrilaterals  
 c. rectangles

17. Choose the transformation shown.



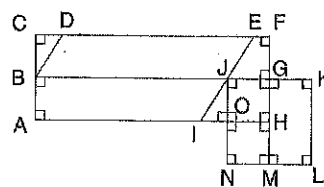
- a. translation  
 b. reflection  
 c. rotation

18. What are two ways to name this triangle?



- a. right, scalene  
 b. acute, isosceles  
 c. acute, equilateral

19. With the below figure, which names a square.



- a. BCFG  
 b. NMGJ  
 c. NLKJ  
 d. FHAC

20. Charity cuts some shapes for a math project. The first figure has the fewest sides, the second figure has more sides, and the last figure have the most sides.

In what order did she cut the figures?

- a. triangle, pentagon, hexagon  
 b. pentagon, square, triangle  
 c. octagon, hexagon, rectangle

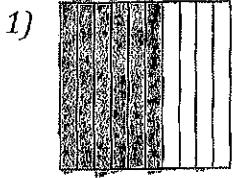
Name: \_\_\_\_\_

**Optional** Rising 5<sup>th</sup> Grade Summer Review

**Chapter 13: Decimals**

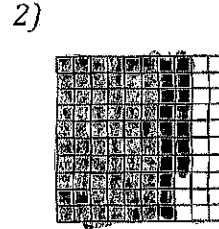
\*Please read the directions carefully for each section. When you finish, go back over your work to make sure that you answered every question and that each answer makes sense.

Part 1: Write as a fraction and a decimal.



fraction: \_\_\_\_\_

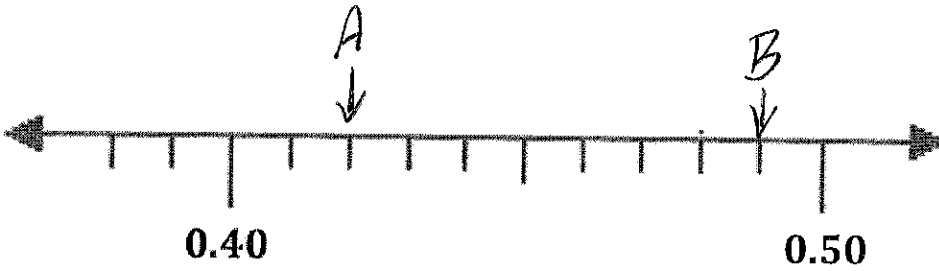
decimal: \_\_\_\_\_



fraction: \_\_\_\_\_

decimal: \_\_\_\_\_

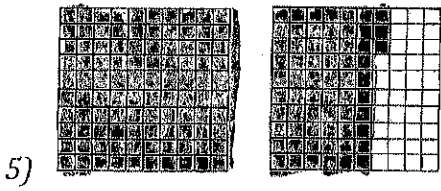
Part 2: To what decimal is each arrow pointing to on the number line?



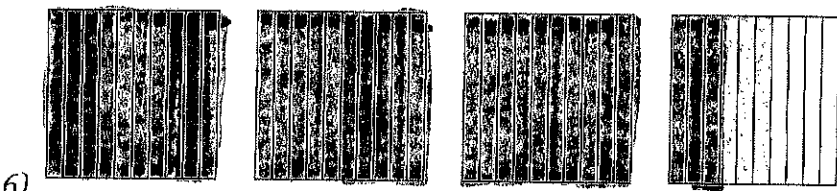
3) *A* is located at \_\_\_\_\_

4) *B* is located at \_\_\_\_\_

Part 3: Write as a **mixed number**, **AND** then as a **decimal**.



\_\_\_\_\_



\_\_\_\_\_

*Go on to the next page.*



