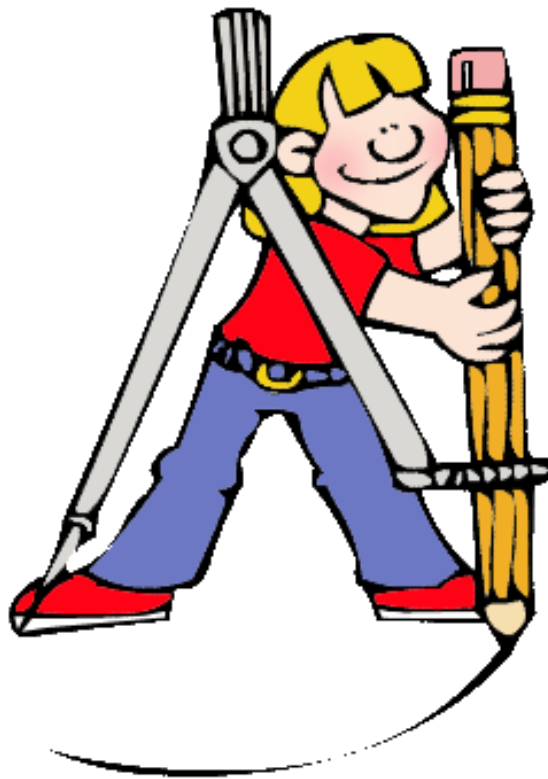


**BRIDGEPORT PUBLIC SCHOOLS**  
**MATHEMATICS DEPARTMENT**

**MATHEMATICS**  
**CMT PRACTICE**  
**PACKET**

**#2**



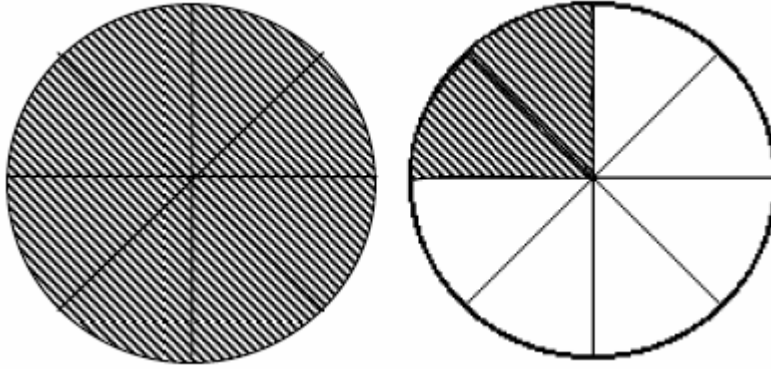
**GRADE 5**

**STUDENT'S NAME:** \_\_\_\_\_

**Revised 12/3/07**



5. The shaded part of this picture shows which mixed number?



- a.  $1\frac{1}{2}$       b.  $1\frac{1}{3}$       c.  $1\frac{1}{4}$       d.  $1\frac{1}{6}$

6. Which fraction is equivalent to  $\frac{29}{8}$  ?

- a.  $1\frac{1}{2}$       b.  $2\frac{3}{4}$       c.  $3\frac{5}{8}$       d.  $4\frac{7}{8}$

7. This chart shows how many pounds of strawberries Sue and her friends picked last weekend.

Person	Pounds of Strawberries
Sue	$3\frac{1}{4}$
Téa	$3\frac{5}{8}$
Dana	$2\frac{7}{8}$
Pete	$3\frac{1}{2}$

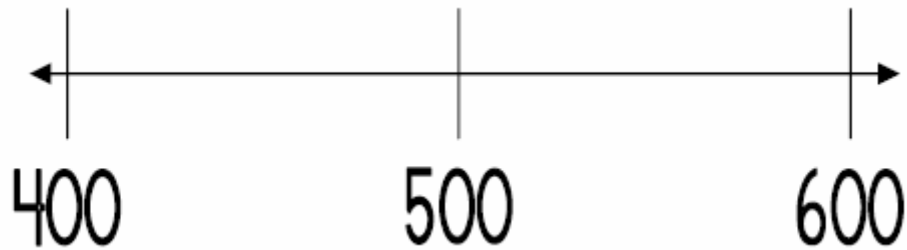
Who picked the **MOST** strawberries?

- a. Sue      b. Téa      c. Dana      d. Pete

8. Zach used  $3\frac{5}{8}$  ounces of rubber cement. Which **BEST** describes this amount?

- a. About  $2\frac{1}{2}$  ounces      b. A little less than 3 ounces  
 c. About  $3\frac{1}{2}$  ounces      d. A little more than 4 ounces

9. Put an **X** on the number line below in the location that **BEST** represents 493.



10. Solve the following problems

$$\begin{array}{r} 327 \\ 276 \\ \hline +145 \end{array}$$

$$\begin{array}{r} 246 \\ 357 \\ \hline +456 \end{array}$$

$$\begin{array}{r} \$23.24 \\ \hline +66.32 \end{array}$$

$$6 \overline{)48}$$

$$9 \times 6 =$$

11. Sandrine bought a box of pencils for \$24.98, and a new mouse for her computer for \$45.39. How much money did she spend on both items?

- a. \$20.41                      b. \$21.61                      c. \$68.21                      d. \$70.37

12. Curtis paid the publisher \$0.24 for each newspaper that he delivered on his paper route. He sold the papers to his customers for \$0.30 each. How much money did Curtis make if he delivered 50 papers? Write your answer below, and explain how you arrived at your solution.

<p><b>Answer:</b> _____</p> <p><b>Explanation:</b></p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>
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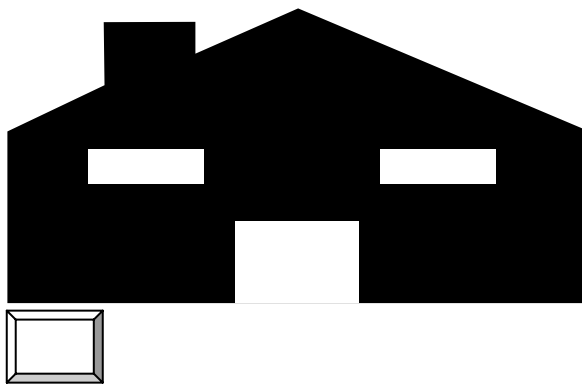
13. To **ESTIMATE** the sum of 893 and 289, Faith added  $900 + 300$ . Will Faith's estimate be **MORE** or **LESS** than the actual sum?

- a. More, because she rounded both numbers up.
- b. More, because she rounded both numbers down.
- c. Less, because she rounded both numbers up.
- d. Less, because she rounded both numbers down.

14. Many people have moved to the city of Mathopolis. In each of the last 3 years, between 10,000 and 14,000 people have moved here. Which could be the number of people who have moved to Mathopolis in the last 3 years?

- a. 25,000
- b. 35,000
- c. 50,000
- d. 60,000

15. The building is about how many times as wide as the picture frame?

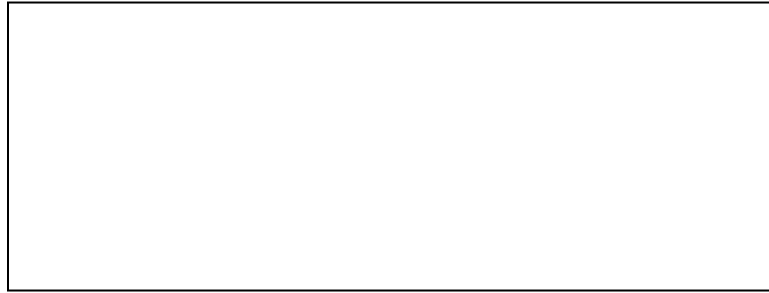


- a. 2
- b. 6
- c. 4
- d. 8

16. Riley started mowing the lawn at 9:20 and finished at 10:35. How long did it take her to mow the lawn?

- a. 1 hour and 20 minutes
- b. 1 hour and 40 minutes
- c.  $1\frac{1}{2}$  hours
- d.  $1\frac{1}{4}$  hours

17. Use your ruler to measure the length of each side of the shape below in **INCHES**. Label the length of each side. Write the **PERIMETER** of the shape in inches. Then, write a sentence explaining how you determined the perimeter.



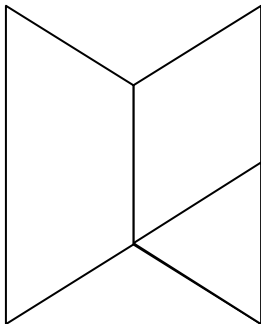
Perimeter: \_\_\_\_\_

Explanation:

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18. What shapes were used to make this figure?



a. 1 triangle, 1 square, and 1 rhombus

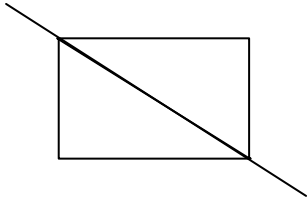
b. 1 trapezoid, 1 triangle, and 1 rhombus

c. 1 parallelogram, 1 square, and 1 triangle

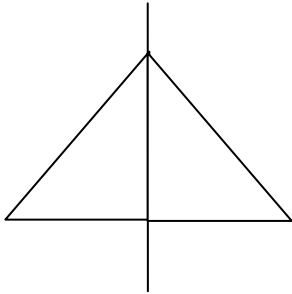
d. 1 hexagon, 1 triangle, and 1 rhombus

19. Which figure below has **NOT** been drawn with a line of symmetry?

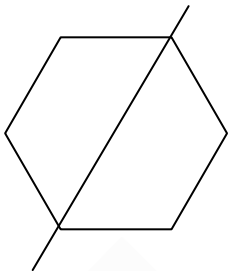
a



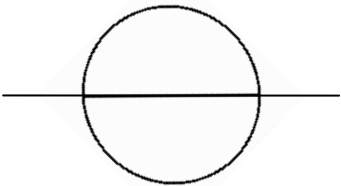
b



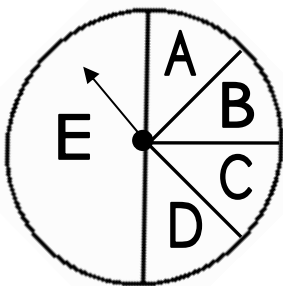
c



d



20. Mary spins the spinner 120 times, how many times will the spinner stop at **C**?



a. 10

b. 15

c. 20

d. 40

21. The table shows the number of books read by the fifth graders from September through January. Complete the BAR graph to show the same information.

**FIFTH GRADE READERS**

CLASS	NUMBER OF BOOKS
Miss Blue	175
Mrs. Pink	50
Ms Brown	150
Mr. Green	200
Mr. Red	100

**FIFTH GRADE READERS**

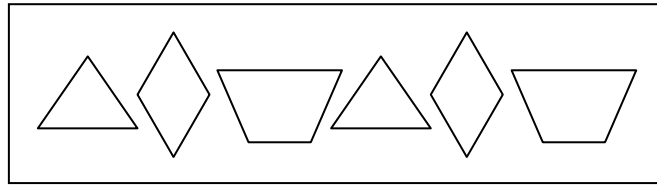
**Number  
of  
Books**



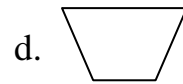
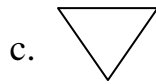
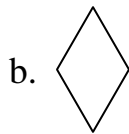
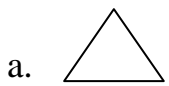
**Miss Mrs. Ms Mr. Mr.  
Blue Pink Brown Green Red**

**Class**

22. The following shapes follow a repeating pattern.



Which shape will be the 23<sup>rd</sup> shape in the pattern?



23. Allan, Ben, Carla, and Dixie had a dart contest.

- Ben scored more points than Dixie.
- Ben scored fewer points than Allan.
- Carla scored more points than Allan.

Who scored the **MOST** points?

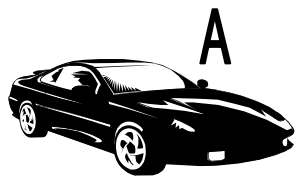
a. Allan

b. Ben

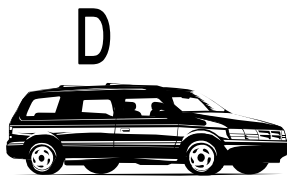
c. Carla

d. Dixie

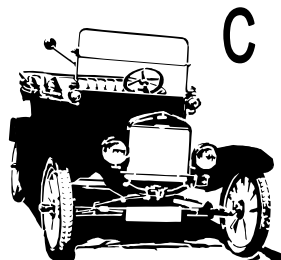
24. Sort all 5 of these vehicles into 2 groups so that the vehicles in each group have something in common. Show how you grouped the vehicles by writing the **LETTER** from each vehicle in the boxes labeled Group 1 and Group 2. Then, write a sentence that tells how you decided to group the vehicles.



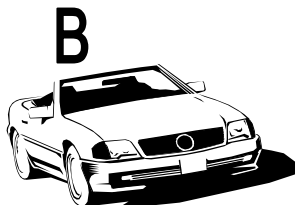
**A**



**D**



**C**



**B**



**Taxi**

**E**

GROUP 1	GROUP 2

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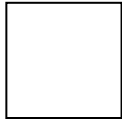
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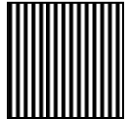
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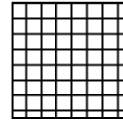
25. Skylar is sewing a quilt of squares. The quilt will be a 4 x 7 rectangle when she is finished. These are the squares that she will buy.



White  
\$4 per square



Stripes  
\$6 per square



Checks  
\$8 per square

- ◆ Skylar does not want 2 of the same squares sharing a side, either side by side or up and down.
- ◆ Fill in the grid below to show one way Skylar's quilt could look when finished.
- ◆ Mark the boxes in the grid "W" for white, "S" for stripes, and "C" for checks.
- ◆ Show the total cost of the quilt.
- ◆ Show the mathematics you used to determine the final cost of the quilt.
