Math

Mrs. K's Packet

7th and 8th grade ELA or 7th grade Math

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or you can message me on Livegrades

In addition to each day's page, you need to write me 1 paragraph (5 sentences) about what you are doing at home. (For ELA only.) Just put it on the back side on that day's page.

Math

NAME:

MINUTE 1

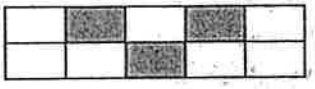
1. Circle the number that has a 4 in the tens place. 324 24 4,321 49

2. Circle the set of lines that are parallel.

3. Write these decimals in order from least to greatest. 0.403 0.034 0.340

_____ _____ _____

4. Write the fraction that represents the shaded boxes.

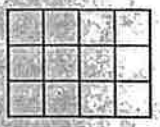


_____

5. $5 + \square = 12$

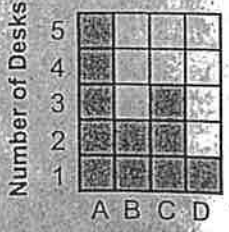
6. Complete the pattern: 1, 5, 9, 13, ____.

7. What is the area (number of squares) in the rectangle to the right?



_____

8. According to the chart, how many desks are in column A?



_____

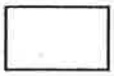
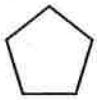
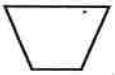
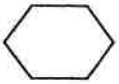
9. $9 \times 4 =$
   $9 \times 7 =$
   $9 \times 9 =$

10. $7\overline{)28} =$ $7\overline{)42} =$ $7\overline{)63} =$

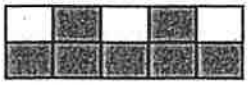
NAME:

MINUTE 2

1. If you flip a coin 10 times, how many times will it land on heads?
   a. 10 **b.** 5 **c.** 2 **d.** impossible to tell

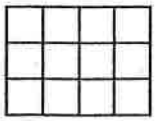
2. Which shape is a pentagon?
   a.  **b.**  **c.**  **d.** 

3. Write the fraction for each:
   Two-fifths = _____
   Three-fourths = _____

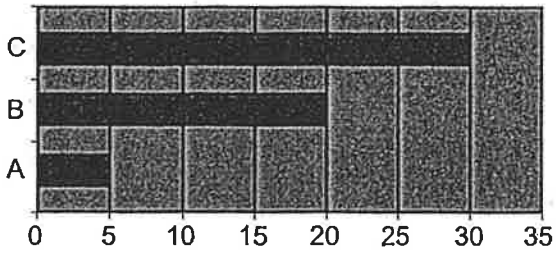
4. Write the fraction that represents the shaded boxes. _____ 

5. $3 \times 4 + 4 =$

6. Complete the pattern: 4, 8, 12, 16, _____.

7. What is the perimeter (distance around) of the rectangle to the right? _____. 

8. According to the graph to the right:
   A = _____
   B = _____
   C = _____



9. $8 \cdot 6 =$ $8 \cdot 4 =$ $8 \cdot 7 =$

10. $\frac{24}{6} =$ $\frac{36}{6} =$ $\frac{18}{6} =$

Name : _____ Score : 2

Teacher : _____ Date : _____

Order of Operations

1) (14 - 2) + 16 ÷ 8

2) (8 +40) ÷ (12 + 4)

3) (11 +23 - 4) ÷ 10

4) (12 + 3) + 8 ÷ 4

5) (15 - 3) x 13 + 6

6) 9 x 9 x(2 + 8)

7) (12 - 4) x 9 + 4

8) (14 +34) ÷ (-2 + 5)

9) (12 +30 - 6) ÷ 12

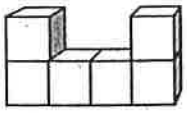
10) 2 x 4 x(3 + 7)

NAME:

MINUTE 3

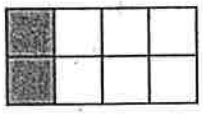
1. If it is 5:32 now, what time will it be 24 minutes from now? _____

2. How many cubes are in this shape? _____



3. Write two fractions that represent the shaded boxes.

_____

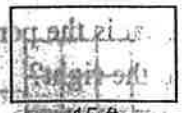


4. Write > or < in the circle to compare the fractions. $\frac{7}{9}$ ◯ $\frac{8}{9}$

5. Mel makes arm bracelets. She is making one for each arm of her six friends. How many should she make? _____

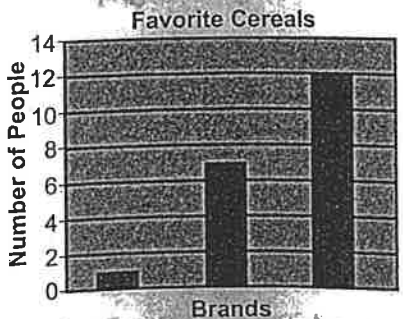
6. Complete the pattern. 2, 4, 8, _____.

7. Joe wants to build a fence for his dog Charlie. He plans to surround the rectangle to the right with fence. How many feet will he need? _____



8. How many people took part in this survey?

_____



9. (12)(3) =
   (12)(5) =
   (12)(6) =

10. 50 ÷ 5 = 55 ÷ 5 = 45 ÷ 5 =

3 NAME:

MINUTE 4

1. Circle the number with a 5 in the tenths place. 36.05 41.5 50.313 15.38

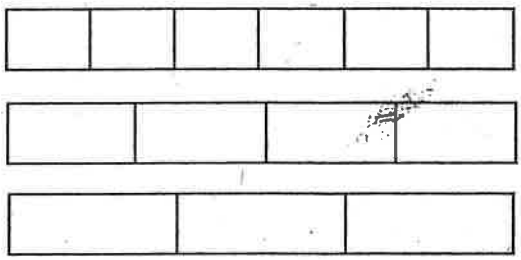
2. Which of these shapes is a trapezoid?

a.  b.  c.  d. 

For Problems 3–4, write >, <, or =. Use the bars to help you.

3. $\frac{3}{6}$ ◯ $\frac{1}{3}$

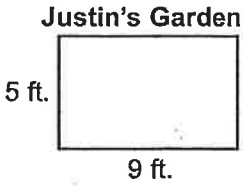
4. $\frac{1}{4}$ ◯ $\frac{1}{3}$



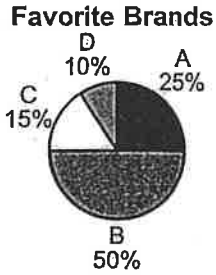
5. $2(4 + 7) =$

6. Complete the pattern. 123, 234, 345, _____.

7. Justin has 30 feet of fence. Would this be enough to surround his garden? Circle: Yes or No



8. According to the chart, Brand B was chosen twice as often as Brand _____.



9. $1 + 2 + 3 =$
$3 + 4 + 5 =$
$5 + 6 + 7 =$

10.

38	43	26
+ 37	+ 96	+ 57

Name : _____ Score : 4

Teacher : _____ Date : _____

List All of the Factors for each number.

1) 48 _____

2) 34 _____

3) 10 _____

4) 32 _____

5) 25 _____

6) 56 _____

7) 63 _____

8) 80 _____

9) 28 _____

10) 50 _____

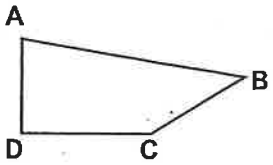
NAME:

5

MINUTE 5

1. The height of a room would most likely be 10 _____.
   a. feet **b.** inches **c.** yards

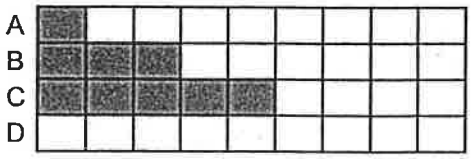
2. Which letter on the shape is beside a right angle? _____



3. $\frac{1}{2}$ of 20 =

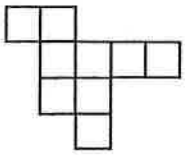
4. Write as a decimal: two and three-tenths = _____.

5. If the pattern continues, how many boxes should be shaded in row D? _____



6. $(2 \times 3) + (3 \times 4) =$

7. What is the area of the shape to the right? _____



8. In the chart to the right, the *y* numbers are _____ times the *x* numbers.

x	1	2	4
y	3	6	12

9. $\begin{array}{r} 49 \\ -\ 28 \\ \hline \end{array}$ $\begin{array}{r} 51 \\ -\ 32 \\ \hline \end{array}$

10. $\begin{array}{r} 14 \\ \times\ 5 \\ \hline \end{array}$ $\begin{array}{r} 23 \\ \times\ 7 \\ \hline \end{array}$

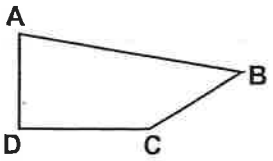
5

NAME:

MINUTE 6

1. To build a school, it might take two _____.
   a. days **b.** weeks **c.** years

2. Which letter on the shape is beside an obtuse angle? _____



3. Which of the following is (are) equal to $\frac{1}{2}$?
   a. $\frac{5}{10}$ **b.** $\frac{7}{14}$ **c.** $\frac{10}{25}$ **d.** $\frac{12}{30}$

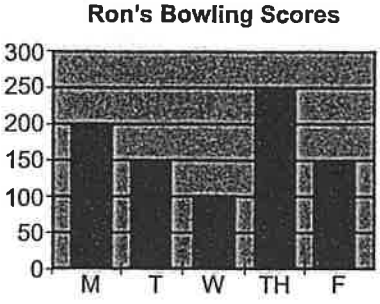
4. Write as a decimal: twenty-three hundredths = _____.

5. The library, post office, and gas station are all on Elm Street. The library is three miles west of the post office. The gas station is six miles east of the post office. How far apart are the library and gas station? _____

6. Complete the pattern. A12, B16, C20, _____, _____.

7. What is the area of a rectangle with a length of 9 feet and a width of 7 feet? _____

For Problems 8–9, use the bar graph to the right.



8. On what day of the week did Ron bowl the best? _____

9. On which two days of the week did Ron have the same score?

   _____ _____

10. 11 + 43 =
    26 + 19 =
    18 + 17 =

Name : _____ Score : 6

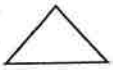
Teacher : _____ Date : _____

6 x 9	10 x 9	9 x 9	12 x 11	9 x 8
9 x 8	7 x 4	10 x 4	5 x 5	7 x 4
5 x 12	6 x 12	11 x 12	9 x 5	11 x 6

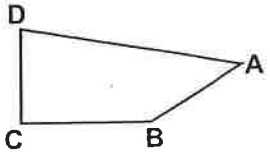
NAME:

MINUTE 7

1. Which of these shapes does not belong?

   a.  b.  c.  d. 

2. Which letter on the shape is beside an acute angle? _____

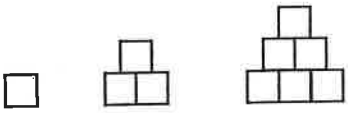


3. Which of the following is (are) equal to $\frac{1}{4}$?

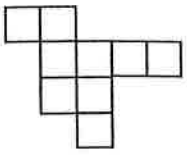
   a. $\frac{5}{20}$ b. $\frac{7}{21}$ c. $\frac{10}{40}$ d. $\frac{12}{50}$

4. Write as a decimal: Forty-three thousandths = _____

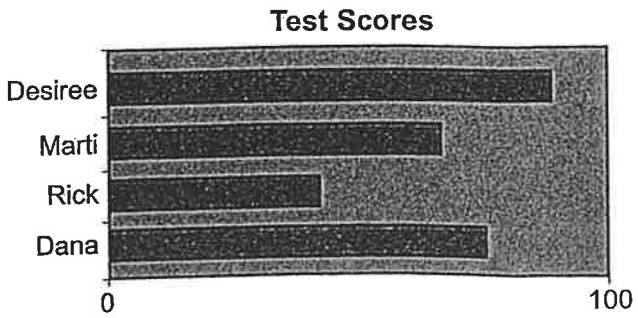
5. If $a = 10$ and $b = 6$, then $a + b = 16$. Circle: True or False.

6. Draw the next shape in the sequence. 

7. What is the perimeter of the shape to the right? _____



For Problems 8–9, use the chart to the right.



8. Which student had the best grade?

   _____

9. Desiree's score was about twice as high as the score for _____.

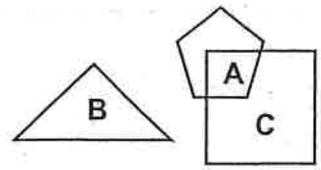
10. $3\overline{)636}$ = $3\overline{)129}$ = $3\overline{)501}$ =

NAME:

MINUTE 8

1. Justine's bill at a restaurant is $14.58. She pays with a twenty dollar bill. How much change should she get back? ____________

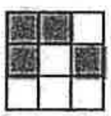
For Problems 2–3, use the diagram to the right.

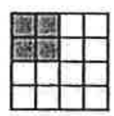


2. Which letter is inside the square and pentagon? ____________

3. Which letter is outside the pentagon but inside the triangle? ____________

4. Write the fraction for the shaded part in each figure below.

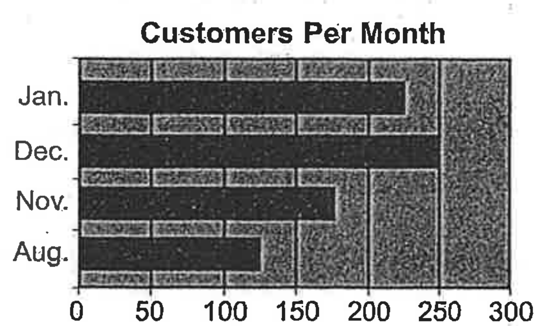
A.  ____________

B.  ____________

5. If 7 out of 11 balloons are red, what fraction of balloons are NOT red? ____________

6. Complete the pattern. 1, 2, 4, 7, 11, ______.

For Problems 7–8, use the bar graph to the right.



7. During which month(s) did more than 200 customers visit the store?

____

8. In August, half as many customers visited the store as in ____________.

9.

$$\begin{array}{r} 3.6 \\ -\,0.7 \\ \hline \end{array} \qquad \begin{array}{r} 4.9 \\ -\,0.6 \\ \hline \end{array} \qquad \begin{array}{r} 12.75 \\ -\,0.35 \\ \hline \end{array}$$

10.

$$\begin{array}{r} 22 \\ \times\,4 \\ \hline \end{array} \qquad \begin{array}{r} 34 \\ \times\,5 \\ \hline \end{array} \qquad \begin{array}{r} 46 \\ \times\,6 \\ \hline \end{array}$$

Name : _____ Score : 8

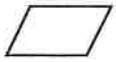
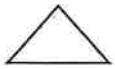
Teacher : _____ Date : _____

6 x 11	11 x 10	7 x 5	11 x 5	5 x 4
11 x 9	6 x 9	8 x 7	11 x 9	7 x 7
9 x 10	12 x 5	6 x 8	9 x 5	12 x 8

NAME:

MINUTE 9

1. Round each number to the nearest ten.
   24 = 311 = 107 =

2. Which of the following shapes has a right angle?
   a.  **b.**  **c.**  **d.** 

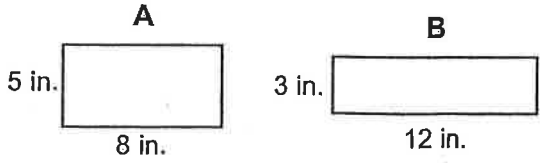
3. Which of the following groups of numbers is in order from least to greatest?
   a. 323, 411, 421, 506 **b.** 108, 106, 217, 304
   c. 98, 94, 36, 29 **d.** 200, 199, 198, 405

4. Which of the following is NOT equal to 45?
   a. 3 ×10 × 2 **b.** 3 × 3 × 5
   c. 10 + 10 + 10 + 10 + 5 **d.** 50 – 5

5. $12 \times \square = 48$

6. Complete the pattern. $\frac{1}{2}, \frac{2}{3}, \frac{3}{4}, \_\_\_\_\_$.

7. Which shape has a greater area?_____



For Problems 8–9, use the chart to the right.

Weights of cars	
Color	**Weight in pounds**
Blue	2,786
Red	3,196
Green	2,500

8. Which car weighs the most? _____

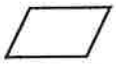
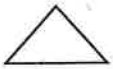
9. How much more does the red car weigh than the green car? _____

10.
1.2	1.4	2.6
× 0.6	× 0.7	× 0.8

9 NAME:

MINUTE 10

1. Which of the following numbers is NOT equal to 36?
   a. 4×9 **b.** $18 + 18$ **c.** $40 - 6$ **d.** $10 + 10 + 10 + 6$

2. Which one of these shapes has four vertices (corners)?
   a.  **b.**  **c.**  **d.** 

3. Which of the following groups of numbers is in order from greatest to least?
   a. 323, 411, 421, 506 **b.** 108, 106, 217, 304
   c. 98, 94, 36, 29 **d.** 200, 199, 198, 405

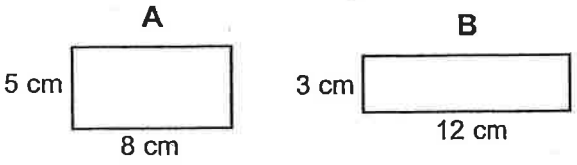
4. Complete the chart.

Add 0.4	
Start	End
2.2	2.6
3.1	
4.7	

5. $28 \div \square = 7$

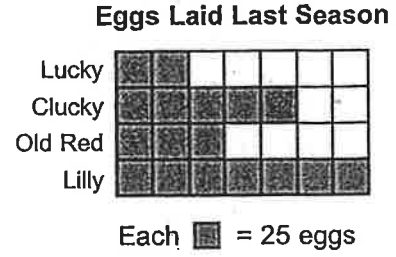
6. Complete the pattern: $\frac{1}{3}, \frac{2}{5}, \frac{3}{7}, \_\_\_\_$.

7. Which shape has the greater perimeter?



_____

For Problems 8–9, use the bar graph to the right.



8. How many eggs did Lucky lay last season?

_____

9. How many more eggs did Clucky lay than Lucky? _____

10.

3.3	4.5	7.2
+ 2.4	+ 5.6	+ 10.3

Name : _____ Score : _____ 10

Teacher : _____ Date : _____

12 x 0	9 x 3	3 x 11	3 x 12	2 x 10
8 x 6	12 x 3	4 x 11	4 x 3	6 x 7
9 x 7	1 x 12	8 x 6	3 x 2	6 x 5