Mt. Pisgah 6th Grade Math Summer Enrichment Packet #1 #1

Student Name : _____

Number of Questions: 30

Instructor Note : Parents, please print the following. Provide only the questions to your child and RETAIN the answers. Students should NOT initially receive the answers. Calculators should not be used for this assignment.

Class Name : 2018-2019 6th Math Course I - Period 1

Instructor Name : Wilson, William

Question 1 of 30

Give the digits in the thousands place and the tens place.

8,694

thousands:

tens:

Question 2 of 30

(a) What is the value of 9 in 8915?

$\bigcirc$ 90,000 $\qquad$ $\bigcirc$ 9000 $\qquad$ $\bigcirc$ 900 $\qquad$ $\bigcirc$ 90

(b) What is the value of 9 in 7293?

$\bigcirc$ 90,000 $\qquad$ $\bigcirc$ 9000 $\qquad$ $\bigcirc$ 900 $\qquad$ $\bigcirc$ 90

(c) Let's compare: the value of 9 in 8915 is { 10 times / 100 times / 1000 times } the value of 9 in 7293

Question 3 of 30

Write the number for *seven thousand nine hundred one*.

Question 4 of 30

Write **2785** in expanded form.

Question 5 of 30

Fill in the blanks using only 3, 8, and 11.

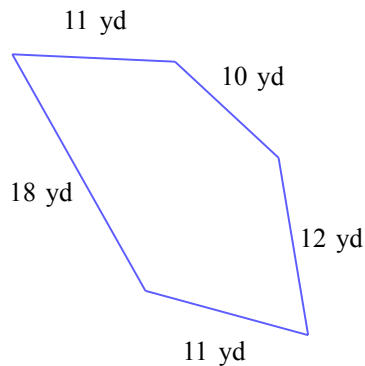(a) __ + __ = __
(b) __ − __ = __

Question 6 of 30

At a summer camp there are 594 boys.

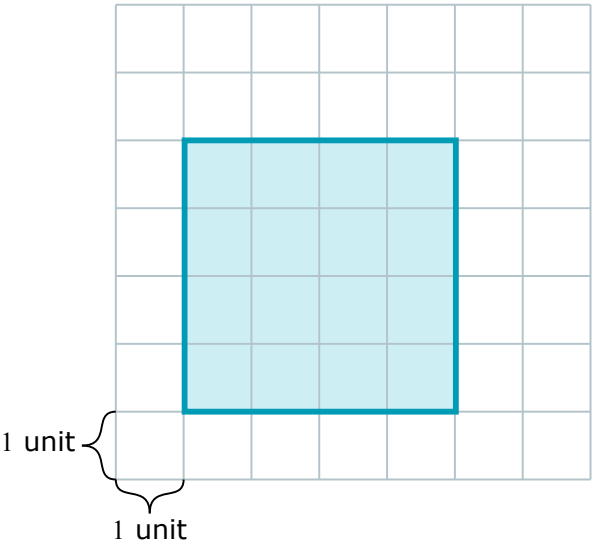There are also 62 girls at the camp.
How many more boys than girls are there?

Question 7 of 30

Find the perimeter of the following polygon. Be sure to include the correct unit in your answer.
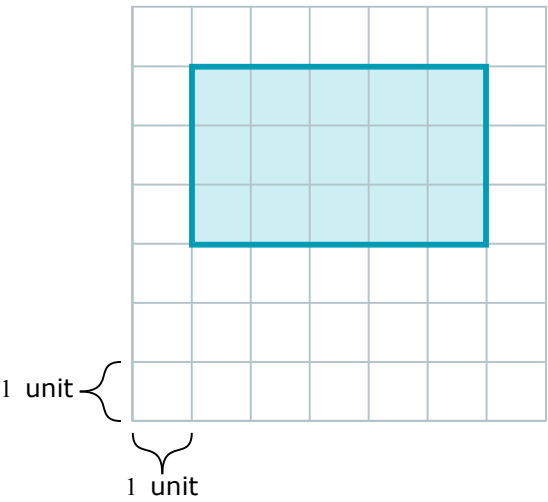
Find the perimeter of the shaded figure.

1 unit

1 unit

Question 9 of 30

Multiply.

$$\begin{array}{r} 6\,7 \\ \times\quad 4 \\ \hline \end{array}$$

Question 10 of 30

Find the area of the shaded figure.

1 unit

1 unit

Find the area of the rectangle.

9 ft

50 ft

Multiply.

$$\begin{array}{r} 3\,1 \\ \times\ 3\,2 \\ \hline \end{array}$$

Write the next three multiples of 2.

$$8,\ \square,\ \square,\ \square$$

Write the next three multiples of 7.

$$14,\ \square,\ \square,\ \square$$

Divide.

(a) $24 \div 6 = \underline{\ \ }$	(b) $35 \div 7 = \underline{\ \ }$	

Question 16 of 30

Rewrite as a whole number.

$$\frac{32}{8}$$

Question 17 of 30

Divide.

$$3\overline{)78}$$

Question 18 of 30

Write the ratio as a fraction in simplest form, with whole numbers in the numerator and denominator.

56 min to 7 min

Question 19 of 30

The cost for 3.6 pounds of shrimp is $19.62.
Find the unit price in dollars per pound.
If necessary, round your answer to the nearest cent.

Three friends drove radio controlled cars around a track. The table below shows the number of laps completed by each person and the time it took.

	Teresa	Jina	Keiko
Number of laps	28	24	25
Time (minutes)	4	8	5

Write the number of laps completed per minute for each person. Then determine who drove the fastest.

Number of laps completed per minute by Teresa: _____

Number of laps completed per minute by Jina: _____

Number of laps completed per minute by Keiko: _____

Select the person who drove the fastest.

○ Teresa   ○ Jina   ○ Keiko

Question 21 of 30

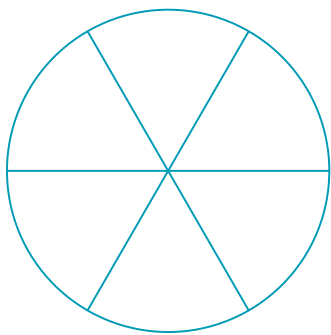Brian is having a party. He'll have 4 tables for every 12 guests.

Complete the table below showing the number of tables and the number of guests.

Number of guests	___	12	21	___	30
Number of tables	1	4	___	9	___

The figure is cut into 6 equal pieces.

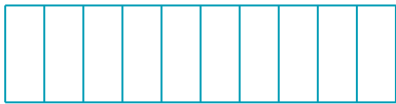Shade $\dfrac{1}{3}$ of the figure.

Question 23 of 30

The figure is cut into 10 equal pieces.

Shade $\dfrac{1}{5}$ of the figure.

Shade $\dfrac{1}{2}$ of this figure.
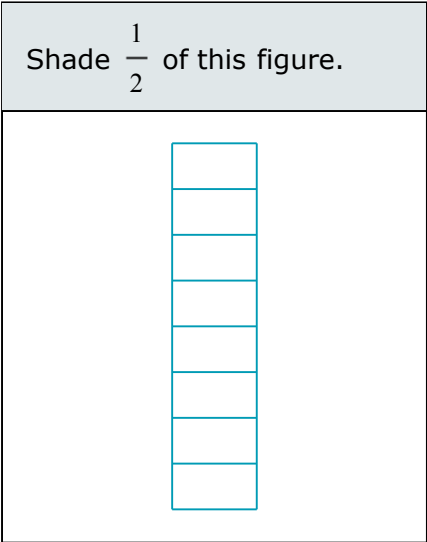
Fill in the blank to make the two fractions equivalent.

$$\dfrac{1}{2} = \dfrac{}{8}$$

Fill in each blank with a whole number.

(a) $\dfrac{\boxed{}}{1} = 2$ (b) $\dfrac{5}{5} = \boxed{}$

Fill in the blank to make the fractions equivalent.

$$\dfrac{1}{4} = \dfrac{\boxed{}}{12}$$

Fill in the blank to make the fractions equivalent.

$$\frac{10}{15} = \frac{\boxed{}}{3}$$

Fill in the blank to make the two fractions equivalent.

$$\frac{3}{5} = \frac{}{25}$$

Write $\dfrac{2}{14}$ in simplest form.

Write the fraction $\dfrac{54}{30}$ in simplest form.

Class Name : **2018-2019 6th Math Course I - Period 1**   Number of Questions: **30**

Question 1 of 30

thousands: 8

tens: 9

Question 2 of 30

(a) What is the value of 9 in 8915?

   ○ 90,000   ○ 9000   ◉ 900   ○ 90

(b) What is the value of 9 in 7293?

   ○ 90,000   ○ 9000   ○ 900   ◉ 90

(c) Let's compare: the value of 9 in 8915 is | 10 times ▼ | the value of 9 in 7293

Question 3 of 30

7901

Question 4 of 30

$2785 = 2000 + 700 + 80 + 5$

Question 5 of 30

(a) $8 + 3 = 11$

(b) $11 - 3 = 8$

Question 6 of 30

532 boys

Question 7 of 30

62 yd

Question 8 of 30

16 units

Question 9 of 30

268

Question 10 of 30

15 square units

Question 11 of 30

450 square feet

Question 12 of 30

992

Question 13 of 30

8 , 10 , 12 , 14

Question 14 of 30

14, 21, 28, 35

Question 15 of 30

(a) $24 \div 6 = $ **4**	(b) $35 \div 7 = $ **5**	

Question 16 of 30

4

Question 17 of 30

26

Question 18 of 30

8

Question 19 of 30

$5.45

Question 20 of 30

Number of laps completed per minute by Teresa: 7

Number of laps completed per minute by Jina: 3

Number of laps completed per minute by Keiko: 5
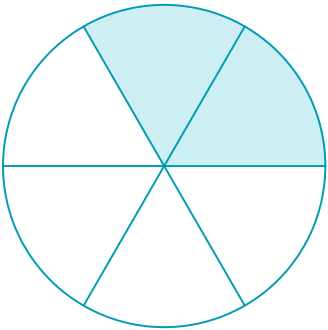
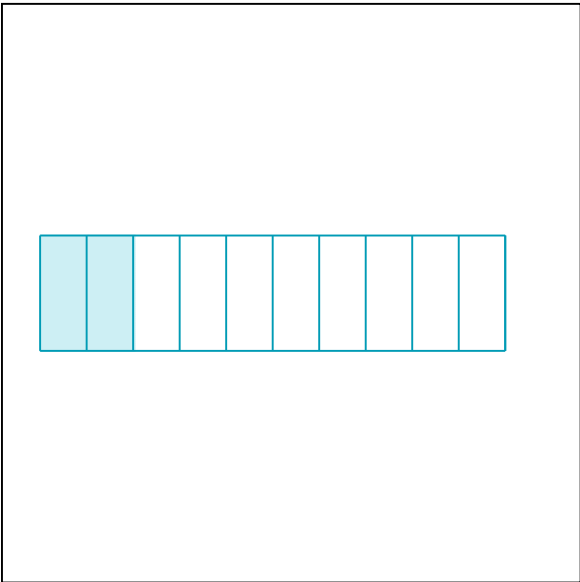Select the person who drove the fastest.

⦿ Teresa ◯ Jina ◯ Keiko

Question 21 of 30

Number of guests	3	12	21	27	30
Number of tables	1	4	7	9	10

Question 22 of 30

Shade $\dfrac{1}{2}$ of this figure.

Fill in the blank to make the two fractions equivalent.

$$\frac{1}{2} = \frac{4}{8}$$

(a) $\dfrac{\mathbf{2}}{1} = 2$

(b) $\dfrac{5}{5} = \mathbf{1}$

$$\frac{1}{4} = \frac{3}{12}$$

$$\frac{10}{15} = \frac{2}{3}$$

$$\frac{3}{5} = \frac{15}{25}$$

$$\frac{1}{7}$$

$$\frac{9}{5}$$