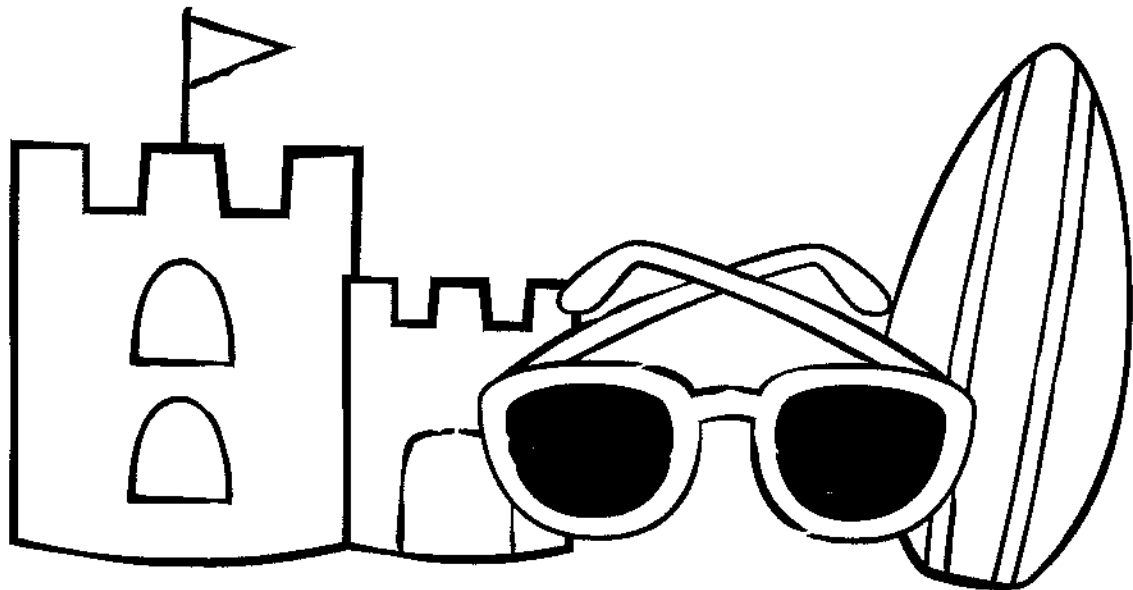




6TH GRADE MATH

Summer Review Packet

NAME: _____

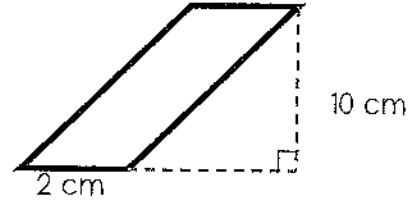
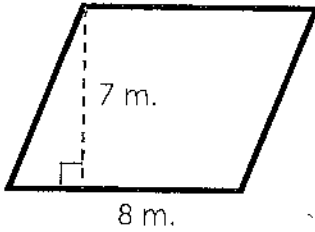


Name: _____

SUMMER MATH REVIEW *Week one*

MONDAY

Find the area of each figure:



TUESDAY

Evaluate each expression. Simplify if necessary.

$$\frac{1}{4} \times \frac{2}{3} =$$

$$\frac{3}{5} \times \frac{2}{4} =$$

$$\frac{7}{9} \times \frac{6}{8} =$$

WEDNESDAY

Evaluate each expression.

$$3^3 = \underline{\quad\quad}$$

$$5^4 = \underline{\quad\quad}$$

$$2^5 = \underline{\quad\quad}$$

THURSDAY

Cathy has a bag of 45 marbles. There are 30 blue, 10 green and 5 red. Write each ratio 3 ways:

red to blue

green to red and blue

blue to total marbles

FRIDAY

What is the mean of the data set below?

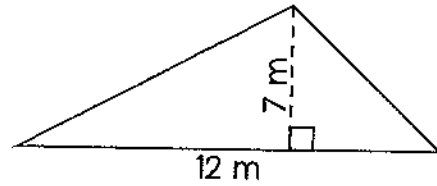
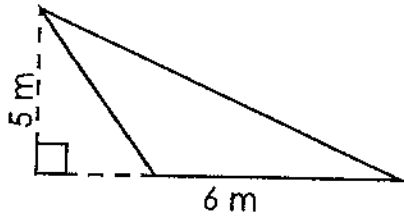
15, 22, 18, 32, 40, 47

Name: _____

SUMMER MATH REVIEW *Week Two*

MONDAY

Find the area of each figure:



TUESDAY

Write an integer that represents each situation:

Sea level

Gaining 5 pounds

Descending 1,000 feet

WEDNESDAY

Solve each equation. Show all work.

$$x - 14 = 22$$

$$x + 16 = 52$$

THURSDAY

Find each unit rate:

270 cars in 6 hours

\$46.25 in 5 hours

72 pages in 4 days

FRIDAY

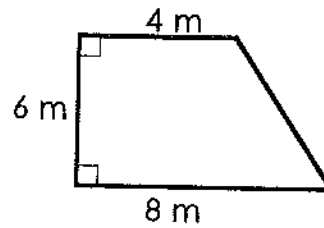
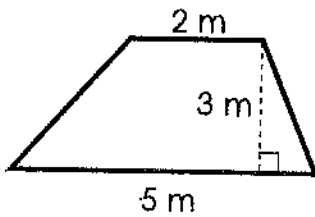
Create a data set with 6 items that has a median of 5.

Name: _____

SUMMER MATH REVIEW *Week Three*

MONDAY

Find the area of each figure:



TUESDAY

Evaluate each expression:

$$|-3| = \underline{\quad}$$

$$|1| = \underline{\quad}$$

$$|-0.6| = \underline{\quad}$$

WEDNESDAY

Solve each equation. Show all work.

$$14g = 35$$

$$x \div 7 = 17$$

THURSDAY

The ratio of cheddar crackers to pretzels in the snack mix is 3:5. If Genesis has 36 cheddar crackers, how many pretzels does she need?

FRIDAY

Find the mode of each data set:

27, 26, 34, 27, 26, 27

Yes, no, no, yes, no, yes

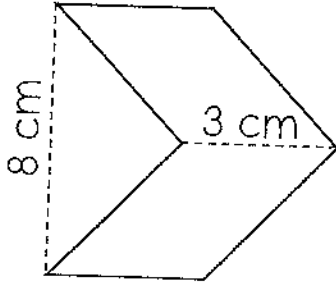
blue, pink, blue, pink,
red, yellow

Name: _____

SUMMER MATH REVIEW *Week Four*

MONDAY

Find the area of the figure:



TUESDAY

Compare each pair of numbers using $<$, $>$ or $=$

$$-7 \underline{\quad} -6$$

$$-9 \underline{\quad} -12$$

$$8 \underline{\quad} -8$$

WEDNESDAY

Evaluate each expression when $a = 3$ and $b = 10$

$$4b + 5a$$

$$3b^2 + a$$

THURSDAY

Office Emporium has packs of 15 pencils for \$1.80. Office World has packs of 12 pencils for \$1.32. Which store has the better deal on pencils?

FRIDAY

Find the range of each data set:

15, 16, 19, 22, 29

7, 11, 3, 0, 3, 12, 11

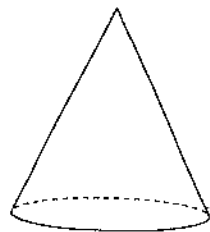
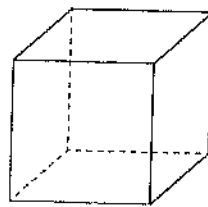
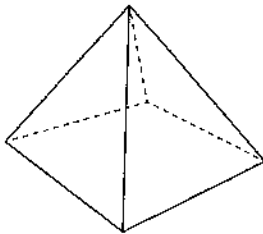
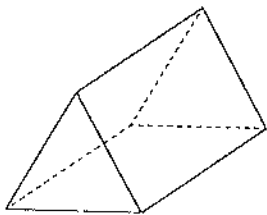
0.1, 0.4, 0.25, 0.02, 0.5

Name: _____

SUMMER MATH REVIEW Week Five

MONDAY

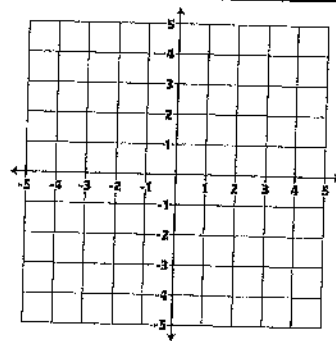
Name each solid figure:



TUESDAY

Graph and label each ordered pair.

- A (4,-2)
- B (-1,3)
- C (-4,0)
- D (0,3)



WEDNESDAY

Write the algebraic expression for each word phrase

5 less than a number g

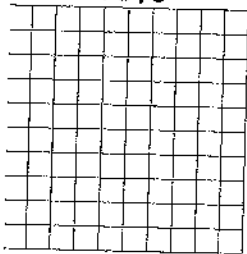
The product of 0.3 and m

4 more than a number w

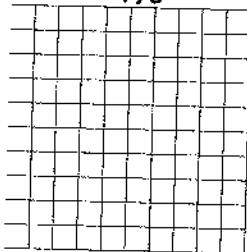
THURSDAY

Shade in each model the given percent.

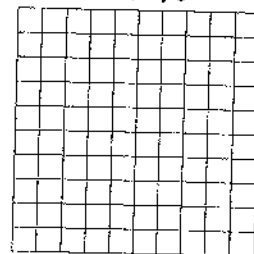
45%



4%



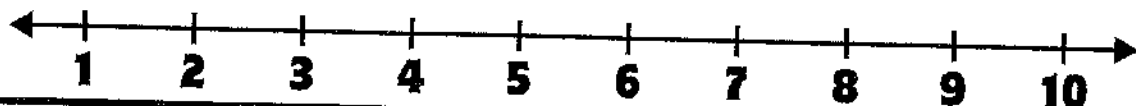
16%



FRIDAY

Create a line plot with the given data set:

5, 6, 10, 5, 1, 3, 6, 6, 5, 4, 8

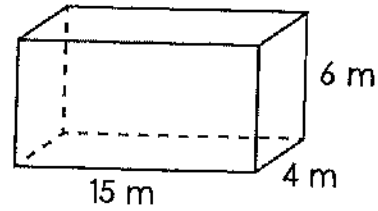
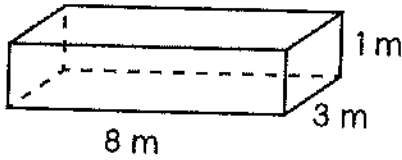


Name: _____

SUMMER MATH REVIEW *Week Six*

MONDAY

Find the volume of each figure:



TUESDAY

Evaluate each expression.

$$1.25 + 3.04$$

$$7 - 4.65$$

WEDNESDAY

Write an inequality for each word phrase

You must be at least 12 to go on the trip

There will be no more than 10 problems

Vanessa made more than \$25 babysitting

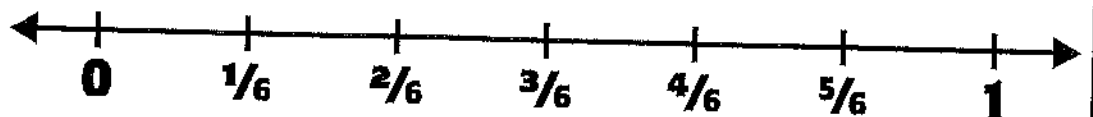
THURSDAY

There are 100 questions on your math fluency quiz. You get 89 questions correct. What percent did you get correct? What percent did you get incorrect?

FRIDAY

Create a line plot with the given data set:

$0, \frac{2}{6}, \frac{5}{6}, \frac{3}{6}, \frac{1}{6}, \frac{5}{6}, 1, \frac{3}{6}, \frac{1}{6}, 1$

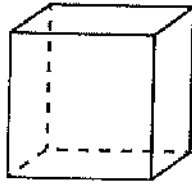


Name: _____

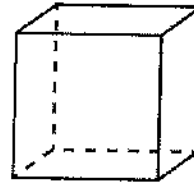
SUMMER MATH REVIEW *Week Seven*

MONDAY

Find the surface area of each figure:



7 m



0.5 m

TUESDAY

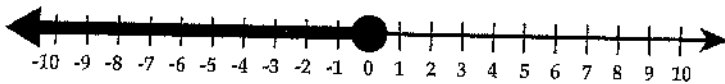
Evaluate each expression.

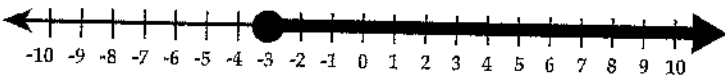
$$5.67 \times 1.2$$

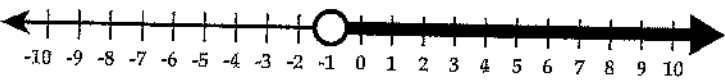
$$9 \times 15.2$$

WEDNESDAY

Write the inequality for each graph







THURSDAY

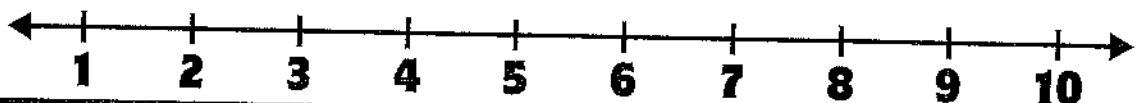
Complete the table:

Percent	Fraction (simplest form)	Decimal
45%		
		0.1
	$\frac{2}{5}$	

FRIDAY

Create a box and whisker plot with the given data set:

5, 6, 10, 5, 1, 3, 6, 6, 5, 4, 8

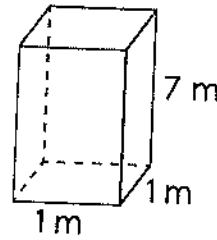
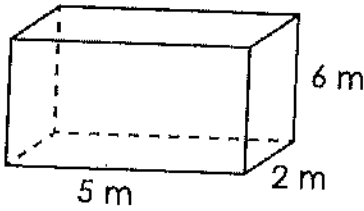


Name: _____

SUMMER MATH REVIEW *Week Eight*

MONDAY

Find the surface area of each figure:



TUESDAY

Evaluate each expression.

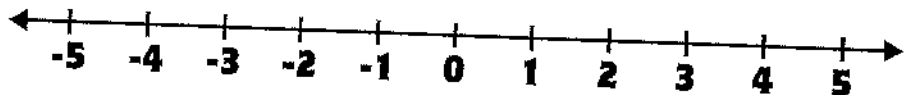
$$6.15 \div 5$$

$$1.14 \div 0.12$$

WEDNESDAY

Solve and graph the inequality. Show all work.

$$x - 3 > 1$$



THURSDAY

There are 150 jellybeans in the jar. 30% of the jellybeans are blue. The rest are red. How many blue jellybeans are red? How many jellybeans are blue?

FRIDAY

Find the Mean Absolute Deviation of the data set:

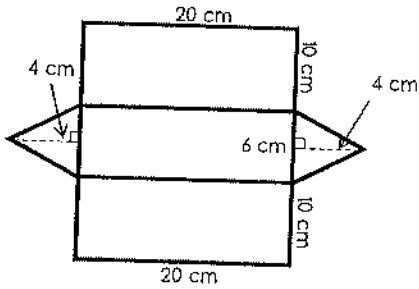
5, 4, 10, 6, 5

Name: _____

SUMMER MATH REVIEW *Week Nine*

MONDAY

Find the surface area of the figure:



TUESDAY

Find the GCF of each pair of numbers

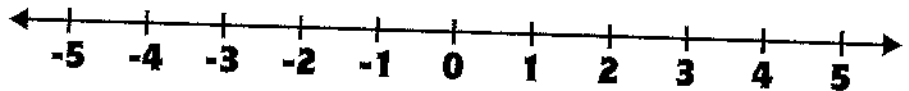
36 and 54

75 and 15

WEDNESDAY

Solve and graph the inequality. Show all work.

$$2x \leq 1$$



THURSDAY

Abigail got 29 out of 32 questions correct on her math test. What percent did she get correct? Round your answer to the nearest whole number.

FRIDAY

Find the interquartile range of the data set:

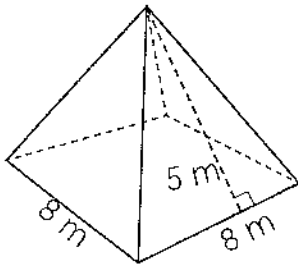
1, 6, 7, 10, 4, 6, 9

Name: _____

SUMMER MATH REVIEW *Week Ten*

MONDAY

Find the surface area of the figure:



TUESDAY

Find the LCM of each pair of numbers

10 and 4

16 and 24

WEDNESDAY

Use the distributive property to simplify each expression

$$5(2g + 3)$$

$$9(x + 3y)$$

$$15(2a - b)$$

THURSDAY

60% of the grade is participating in field day. 150 students are participating. What is the total number of students in the grade?

FRIDAY

Create a stem and leaf plot with the given data set:
12, 15, 22, 25, 34, 12, 44, 34, 35, 36