

1 $109,283 + 905,861 =$ _____

2
$$\begin{array}{r} 21 \\ \times 0.5 \\ \hline \end{array} \quad \begin{array}{r} 2.1 \\ \times 0.5 \\ \hline \end{array} \quad \begin{array}{r} 2.1 \\ \times 0.05 \\ \hline \end{array}$$

- 3 The number of books donated to the school library will determine how many bookshelves the library will buy. Identify the variables.

dependent _____

independent _____

- 4 In the number 256.398, what digit is in the tens place?

- 5 Last month, Alex sold his bike for \$50.00 and deposited 80% of the money into his savings account. He made two other deposits of \$24.00 and \$35.00 before he withdrew $\frac{2}{3}$ of the total to buy a used skateboard. Write the amounts of Alex's transactions, in order, as integers.

- 1 Estimate the answer.

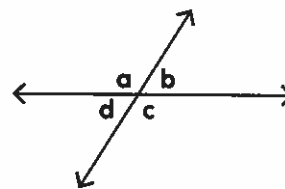
$3.7 + 1.13 \times 2.9 - 5.5 =$ _____

- 2 Correct any mistakes or write *correct* on the line.

$6^3 = 18$ _____

- 3 Round 378,903.97 to the nearest thousand.

- 4 Which of these angles are adjacent?



- a and c
 a and d
 b and d

- 5 Julia bought 300 pounds of grain for her horses. When a rainstorm flooded the storage shed, 30% of the grain rotted and had to be thrown out. How many pounds of grain will Julia be able to use?

- 1 Write the correct operation sign in the circle.

$$26 \bigcirc 82 = 2,132$$

- 2 Place an operation sign between two of the digits to make the equation true.

$$7 \ 3 \ 3 \ 5 \ 1 \ 5 = 489$$

- 3 If three angles of a quadrilateral measure 90° , 90° , and 75° , what is the measure of the fourth angle?

- 4 Write the numbers in order from smallest to largest.

$$0.5 \quad \frac{2}{5} \quad 0.28 \quad \frac{4}{7} \quad 0.75$$

- 5 The combined ages of Jim, his father, and his grandfather equal 137. His grandfather is 70 years older than Jim, and Jim is 31 years younger than his father. How old is each person?

Jim _____

father _____

grandfather _____

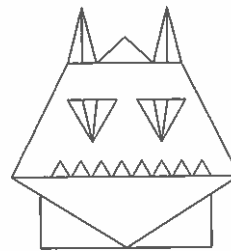
- 1 $(0.35 + 5.2) \times \underline{\hspace{2cm}} = 27.75$

- 2 Use the distributive property to write the equation for problem 1 another way.

- 3 What is the volume of a rectangular prism that is 2.4 m by 0.5 m by 1.25 m?

- 4 What is the LCM of 3 and 12? _____

- 5 How many triangles are in the robot's head?



Name two other shapes in the robot's face.

► Activity 1

Liz and Josh are both runners. Over the weekend, Liz ran 4 miles and Josh ran 6,000 meters. Who ran farther?

- Liz Josh

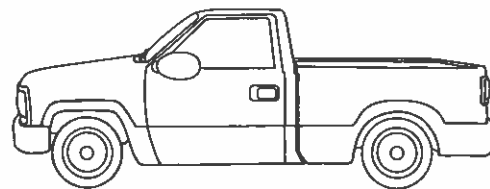
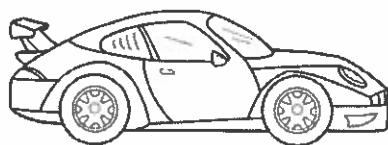
Explain why.

(Remember: 1 mile = 5,280 feet and 1 meter = 3.28 feet)

► Activity 2

A hobby shop is selling model trucks and cars for 50% off. At the sale price, you could buy one truck and one car for \$13.00. You could also buy 4 trucks and 2 cars for \$42.00. What are the sale price and the original price of the model trucks and cars?

	Sale Price	Original Price
model truck	\$ _____	\$ _____
model car	\$ _____	\$ _____



1 $8\frac{2}{5} \div 3\frac{5}{9} =$ _____

2
$$\begin{array}{r} 9.26 \\ - 4.3 \\ \hline \end{array} \quad \begin{array}{r} 92.6 \\ - 4.3 \\ \hline \end{array}$$

- 3 What day and time is 60 hours after 3:00 a.m. on Sunday?
-
-
- _____

- 4 What is the measurement of the third angle of a triangle if the first two angles measure 63 degrees and 87 degrees?
-
-
- _____

- 5 Carlos estimated the answer to a problem as 500, while Julie's estimate for the same problem was 450. Could both estimates be right?

 yes noExplain why or why not.

- 1 Estimate the answer.

$12.345 \times 6.78 =$ _____

- 2 Correct any mistakes or write
- correct*
- on the line.

$0.5 \times 0.1 = 0.5$ _____

- 3 What is the range of the set of data below?

31, 35, 29, 27, 31, 29, 33, 31, 19

- 4 Write a multiplication equation and a division equation that each have an answer of 2.4.
-
-
- _____
-
-
- _____

- 5 If you rolled a standard six-sided die 60 times, how many times would you expect to get a 1 or a 6?
-
-
- _____

- 1 Write the correct operation sign in the circle.

$$496 \bigcirc 189 = 307$$

- 2 Place an operation sign between two of the digits to make the equation true.

$$2 \ 4 \ 9 \ 6 = 992$$

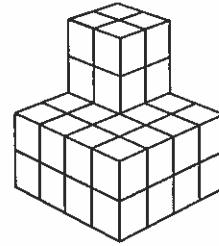
- 3 What is the value of m in the equation below?

$$m + 3 + m = 3 \quad m = \underline{\hspace{2cm}}$$

- 4 Which solid shape has two circular bases?

cone cube cylinder

- 5 What is the volume?



- 1 $(-44) + (-22) = \underline{\hspace{2cm}}$

- 2 Use the associative property to write the expression another way.

$$59 + (27 + 18)$$

- 3 If the median in the set of data below is 16, what is the missing number?

$$12, 17, 16, 19, 8, \underline{\hspace{2cm}}$$

- 4 Which metric measurement is the closest equivalent to 17 yards?

15 m 16 m 17 m

- 5 Liam and Lily want to buy their parents a gift that costs \$40.00. Liam has saved more money than Lily. If Liam has \$25.00, what percent of the cost is he paying?

► Activity 1

Choose the best kind of graph to display the data described.

- The number of babies born every six months at City Hospital over the past three years
 bar graph histogram double line graph
- The number of hours that the Martin twins play sports each day after school
 circle graph box-and-whisker plot double bar graph
- The ages of teens and adults taking guitar lessons at the music center during the summer
 stem-and-leaf plot box-and-whisker plot line plot
- The standardized test scores for the students in Mr. Martinelli's sixth-grade class
 line graph circle graph box-and-whisker plot
- What the money in the athletic department's annual budget is spent on
 bar graph circle graph line plot
- The daily high temperatures at the beach during the month of July
 line graph stem-and-leaf plot histogram

► Activity 2

The basketball team at Oakleaf Middle School had a winning season. Their scores for the 12-game season were 72, 75, 92, 80, 90, 85, 89, 96, 88, 95, 99, 96. Make a stem-and-leaf plot to display the scores.

Stem	Leaves

