Math Buzz

Name: _____

Use the rule to write the next six numbers in the pattern.

Rule: Multiply by 5, Subtract 10

10, _____ **,** _____ **,** _____ **,** _____ **,** _____ **,** _____

The Crestview Center is setting up for their annual charity event. They have 152 chairs. If 8 chairs can fit at each table, how many tables would they need to set up for their charity event?

Find the perimeter of the irregular polygon.
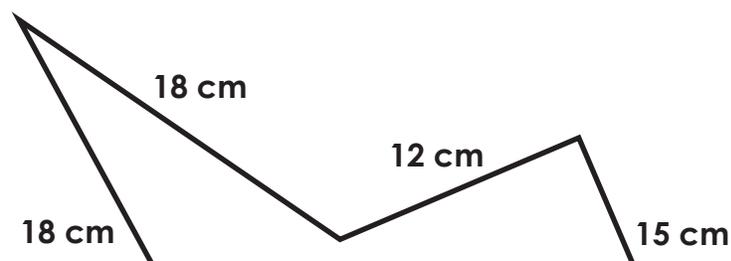
18 cm

12 cm

18 cm

15 cm

12 cm

answer: _____

Perimeter = _____ cm

Write each mixed number as a decimal.

$15\frac{26}{1,000}$ = _____ $12\frac{4}{1,000}$ = _____ $20\frac{458}{1,000}$ = _____

Write each decimal as a mixed number.

6.985 = _____   **24.027 =** _____   **11.009 =** _____

Name: _____
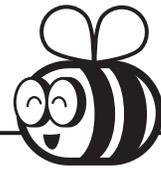
Math Buzz

Multiply. Simplify if possible.

$$\frac{4}{6} \times 9 = \underline{\hspace{2cm}}$$

$$13 \times \frac{7}{8} = \underline{\hspace{2cm}}$$

$$15 \times \frac{5}{12} = \underline{\hspace{2cm}}$$

Draw a line to classify each triangle.

7 ft   7 ft

5 ft

scalene triangle

11 ft   15 ft

18 ft
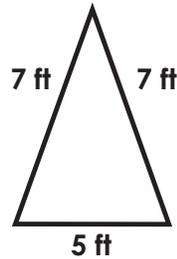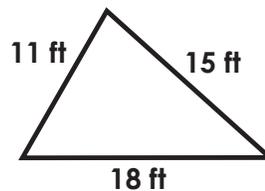
equalateral triangle

The value of the digit in the hundreds

Preview

Please log in to download the printable version of this worksheet.

2,000	900	10	7
68			

2,917 x 68 = 68 x (2,000 + 900 + 10 + 7)

**= (68 x _____) + (68 x _____) + (68 x _____) + (68 x ___)**

= _____ + _____ + _____ + _____

= _____

Name: _____

Math Buzz

Partition the shape into rectangle A and rectangle B.
Then find the area of the combined rectangles.

3 m

9 m

7 m

12 m

2 m

Area of combined rectangles = _____ square m
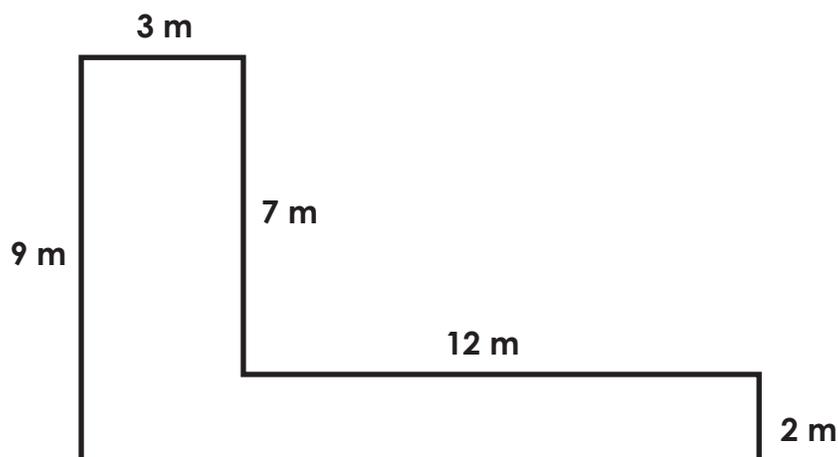
Compare using **>**, **<**, or **=**.

9.56 ◯ 7.56

8.4 ◯ 8.23

16.5 ◯ 16.50

Multiply.

_____ = 2 x 10^3

Savanna puts a quarter cup of berries into her yogurt
each morning for breakfast. How many cups of berries
will she use after two weeks? Simplify if possible.

Show your work.

answer: _____

Name: _____
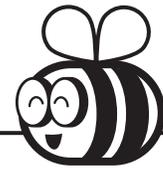
Math Buzz

Divide.

10|87   16|96

÷

Solve.

Metric Units of Length
1 kilometer = 1,000 meters

42,000 meters + 15 kilometers = _____ kilometers

270 kilometers − 156,000 meters = _____ meters

If ∠ARS measures 172°, what is the measure of ∠ARH?

H   **M**
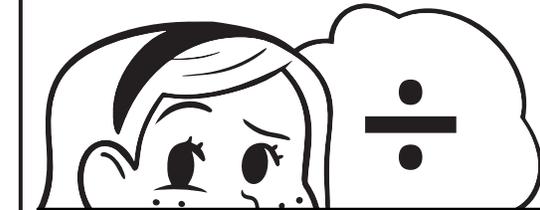
Preview

*Please log in to download
the printable version of this worksheet.*

type of music. The results are on the circle
graph provided.

How many students were surveyed total?

_____

Which type of music was the least popular?

_____

What fraction of students chose Rap/Hip Hop?
Simplify if possible.

_____

Pop

**Rap/
Hip Hop**

17 students

40 students

27 students

7 students

9 students

**Electronic
Dance
Music**

Country

Rock & Roll
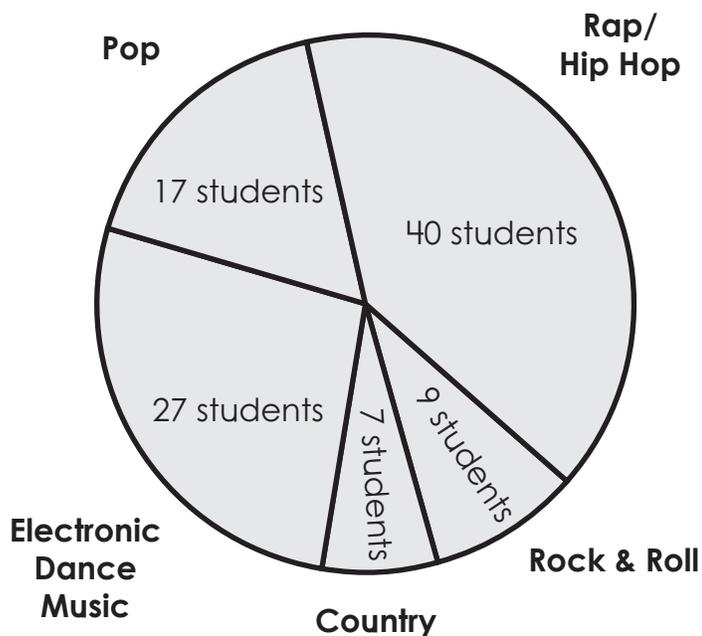
Name: _____

Math Buzz

Order the decimals from **greatest** to **least**.

5.9 , 5.01 , 5.62 , 5.6 , 5.45

_____ , _____ , _____ , _____ , _____

Circle the common multiples.

Multiples of 9: 9 , 18 , 27 , 36 , 45...

Multiples of 6: 6 , 12 , 18 , 24 , 30...

The least common multiple (LCM) is

There were 627 tickets sold to see the Bandits play in the Lacrosse Championship Finals. If each ticket costs $23, how much money did the Bandits make in ticket sales?
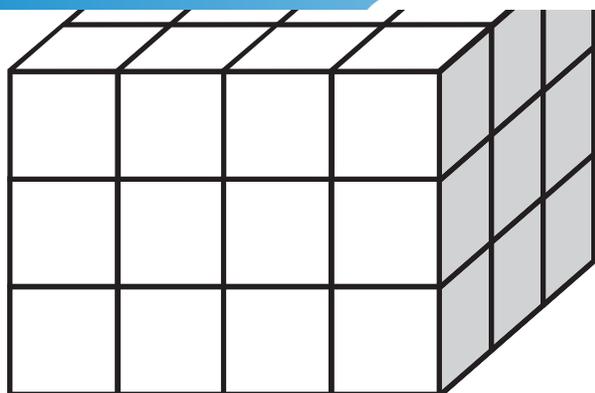

_____ X _____ X _____
length   width   height

Volume = _____ cubic ft
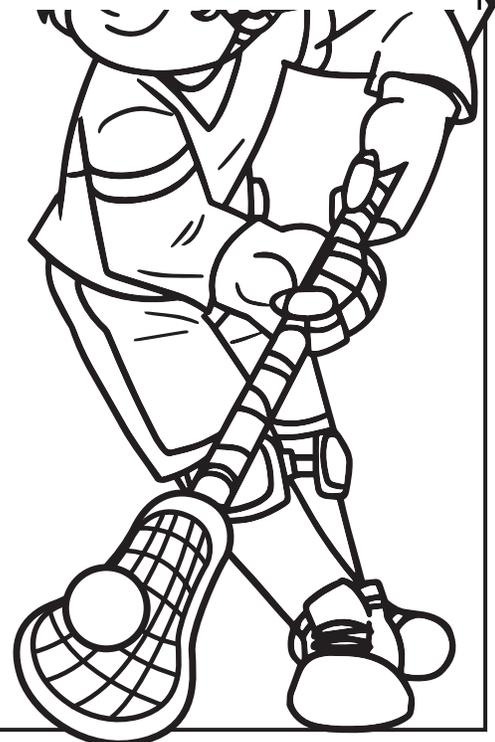
Use the rule to write the next six numbers in the pattern.

Rule: Multiply by 5, Subtract 10

10, __50__ , __40__ ,

__200__ , __190__ ,

__950__ , __940__

The Crestview Center is setting up for their annual charity event. They have 152 chairs. If 8 chairs can fit at each table, how many tables would they need to set up for their charity event?

152 ÷ 8 = 19

answer: __19 tables__

Find the perimeter of the irregular polygon.
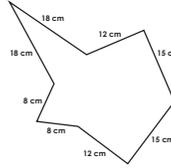
18 + 18 + 12 + 15 + 15 + 12 + 8 + 8 = 106

Perimeter = __106__ cm

Write each fraction as a decimal.

$15\frac{26}{1,000}$ = __15.026__ $12\frac{4}{1,000}$ = __12.004__

$20\frac{458}{1,000}$ = __20.458__

Write each decimal as a fraction.

6.985 = __$6\frac{985}{1,000}$__   24.027 = __$24\frac{27}{1,000}$__

11.009 = __$11\frac{9}{1,000}$__

Multiply. Simplify if possible.

$\frac{4}{6} \times 9$ = __6__

$13 \times \frac{7}{8}$ = __$11\frac{3}{8}$__

The value of the digit in the hundreds place in the number 786,342 is $\frac{1}{10}$ the value of the digit in the thousands place in which number?

(**a**. 513,207)

b. 320,715

c. 732,510

Draw a line to classify each triangle.

scalene triangle

equalateral triangle

isosceles
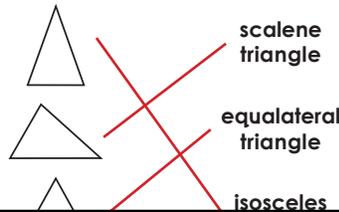
Complete the area model. Then use the distributive property of multiplication to find the product.

	2,000	900	10	7
68	136,000	61,200	680	476

2,917 × 68 = 68 × (2,000 + 900 + 10 + 7)

= (68 × 2,000) + (68 × 900) + (68 × 10) + (68 × 7)

Answers may vary.

Divide.

8 r 7
10)87
− 80
7

6
16)96
− 96
0

Solve.

Metric Units of Length
1 kilometer = 1,000 meters

42,000 meters + 15 kilometers = __57__ kilometers

270 kilometers − 156,000 meters = __114,000__ meters

If ∠ARS measures 172°, what is the measure of ∠ARH?

108 + 36 = 144
172 − 144 = 28

∠ ARH = __28°__
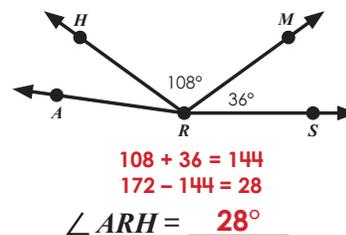
The fifth graders at Maple Street Elementary School were surveyed to find their favorite type of music. The results are on the circle graph provided.

How many students were surveyed total?
100 students

Which type of music was the least popular?
Country

What fraction of students chose Rap/Hip Hop? Simplify if possible.
$\frac{2}{5}$

Order the decimals from **greatest** to **least**.

5.9 , 5.01 , 5.62 , 5.6 , 5.45

__5.9__ , __5.62__ , __5.6__ , __5.45__ , __5.01__

Circle the common multiples.

Multiples of 9: 9 , (18) , 27 , 36 , 45...

Multiples of 6: 6 , 12 , (18) , 24 , 30...

The least common multiple (LCM) is __18__ .

There were 627 tickets sold to see the Bandits play in the Lacrosse Championship Finals. If each ticket costs $23, how much money did the Bandits make in ticket sales?

627 x 23 = 14,421

answer: __$14,421__

Find the length, width, and height of the rectangular prism. Then find the volume.

= 1 cubic foot
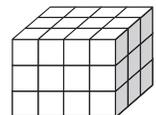
__4 ft__ X __3 ft__ X __3 ft__
length   width   height

Volume = __36__ cubic ft