Name: _____

Math Buzz

Rowan played video games five times as long over the weekend as he did during the week. If he played for 210 minutes over the weekend, how much time did he spend playing video games during the week?

Show your work.

answer: _____ minutes

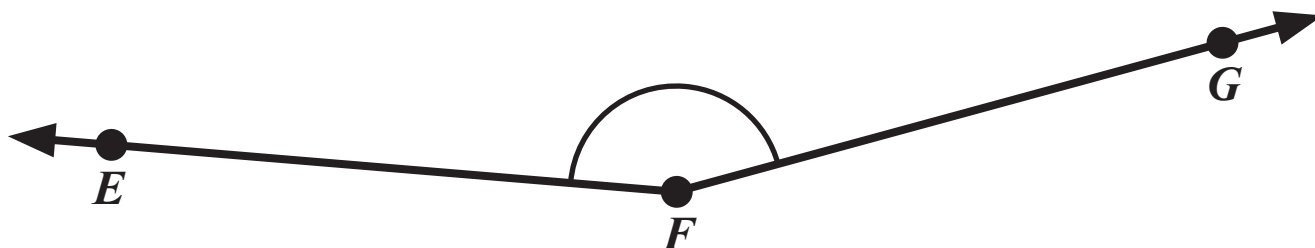Start with the number 498. Multiply by 10.

Add. Simplify if possible.

Preview

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

Use a protractor to measure the angle.
Then circle to classify the angle as **acute**, **obtuse**, or **right**.

$\angle EFG =$ _____

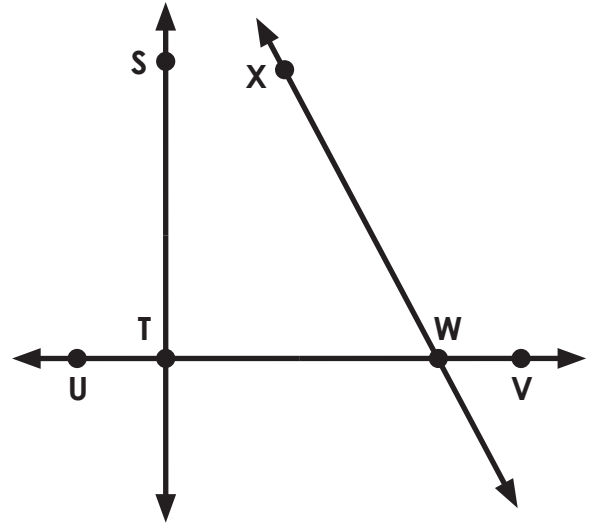acute   obtuse   right

Name: _____

Math Buzz

Rewrite each phrase as an algebraic expression.

Add 19 to the difference between 70 and 56.

_____

Find 8 times as much as the sum of 42 and 3.

_____

Multiply.

_____ = 6 x 90,825

_____

Find the unknown measure of the rectangle.

?

53 yd

Perimeter = 306 yd

Length = _____ yd

Preview

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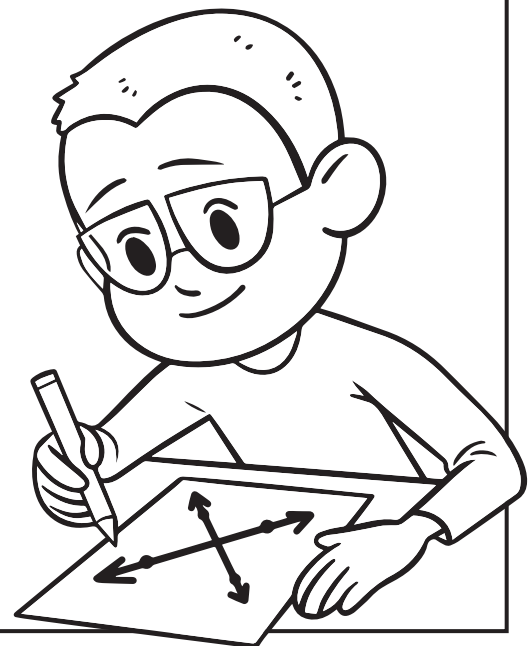
Name: _____

Math Buzz

The school gymnasium has 12 sections of bleachers. Each section can seat 72 people.

About how many total people can be seated in the gymnasium?
Estimate by using compatible numbers.   _____

Exactly how many total people can be seated in the gymnasium? _____

Is your answer reasonable? Explain _____

_____

Write each mixed number as an improper fraction.

Use a protractor to measure the angle. Then circle to classify the angle as **acute, obtuse,** or **right**.

Preview

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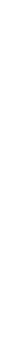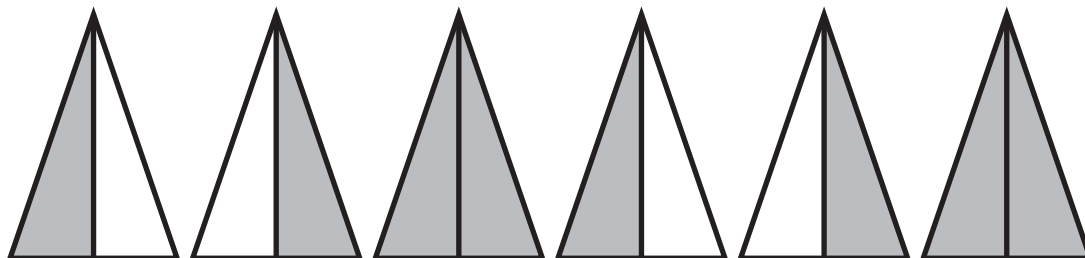the printable version of this worksheet.*

$13\frac{7}{8}$ = _____

$\angle$ *KJI* = _____

acute   obtuse   right

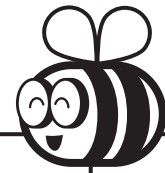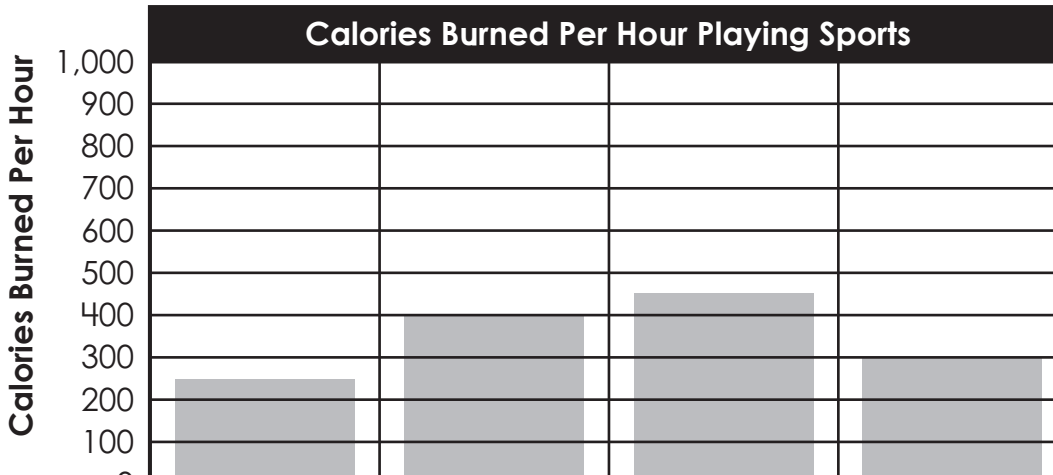
If the pattern continues, draw what the 11th shape will be.

_____

Name: _____

Math Buzz

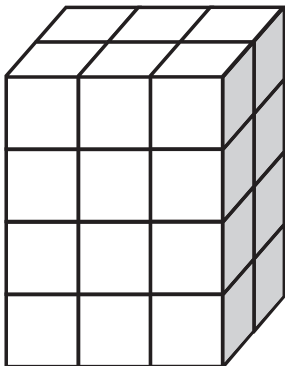The graph shows the number of calories Jaxton burns while playing each sport for 60 minutes.

Calories Burned Per Hour Playing Sports

Calories Burned Per Hour

1,000
900
800
700
600
500
400
300
200
100

Divide.

$$5\overline{)8,251}$$

If Jaxton plays basketball for two hours, how many total calories will he burn? _____

Count the cubes and write the volume of the rectangular prism.

Volume = _____ cubic units

List the factors of **35** from least to greatest.

_____

Is **35** prime or composite? _____

List the factors of **53** from least to greatest.

_____

Is **53** prime or composite? _____

Name: _____

Math Buzz

The Nile River is 6,650 kilometers long. The Amazon River is 6,400,000 meters long. Which river is longer?

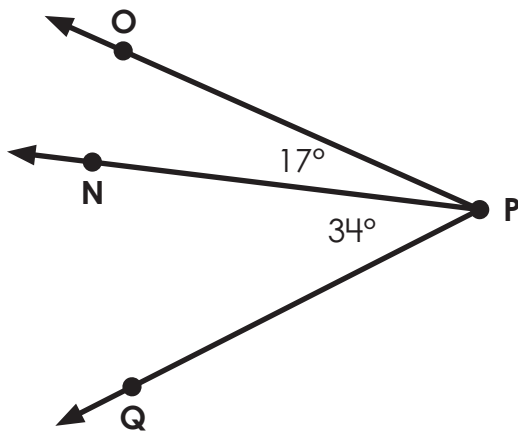| Metric Units of Length |
| --- |
| 1 kilometer = 1,000 meters |

answer: _____

Find the products.

Write each improper fraction

_____ = 32 x 500,000

6 _____

Write an equation and solve to find the measure of ∠OPQ.

17°

34°

equation: _____

Rowan played video games five times as long over the weekend as he did during the week. If he played for 210 minutes over the weekend, how much time did he spend playing video games during the week?

Show your work.

210 ÷ 5 = 42

answer: **42** minutes

Start with the number 498. Multiply by 10.

4,980

What place value did the 4 change to?

a. tens

(b. thousands **)**

c. ten thousands

Add. Simplify if possible.

$$\left(\frac{9}{100} + \frac{14}{100}\right) + \frac{7}{100} = \frac{30}{100} = \frac{3}{10}$$

$$\frac{23}{100} + \frac{7}{100}$$

Use a protractor to measure the angle. Then circle to classify the angle as **acute**, **obtuse**, or **right**.

$$\angle EFG = \text{\_\_\_160°\_\_\_}$$

acute **(obtuse)** right

Rewrite each phrase as an algebraic expression.

Add 19 to the difference between 70 and 56.

(70 − 56) + 19

Find 8 times as much as the sum of 42 and 3.

Answers may vary.

Multiply.

544,950 = 6 × 90,825

```
  4 5 2 1
  475,632
x        8
3,805,056
```

Find the product.
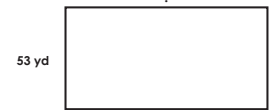

Name a ray.

Ray WV

Name a line segment.

Line Segment TW

Name a pair of intersecting lines.

Line XW and Line UV

Find the unknown measure of the rectangle.

53 yd   ?

53 + 53 = 106 , 306 − 106 = 200
200 ÷ 2 = 100

Perimeter = 306 yd

Preview

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

According to the graph, which sport burns the maximum number of calories?

Soccer

How many fewer calories will Jaxton burn playing basketball than football?

150 calories

If Jaxton plays basketball for two hours, how many total calories will he burn?
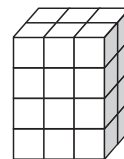
500 calories

Divide.

```
      1,650 r 1           408
  5 | 8,251          9 | 3,672
    − 5 ↓              − 3 6 ↓
      32                  07
    − 30 ↓              −  0
      25                  72
    − 25                − 72
      01                   0
    −  0
       1
```

Count the cubes and write the volume of the rectangular prism.

Volume = **24** cubic units

List the factors of **35** from least to greatest.

1, 5, 7, 35

Is **35** prime or composite?

composite

List the factors of **53** from least to greatest.

1, 53

Is **53** prime or composite?

prime

The Nile River is 6,650 kilometers long. The Amazon River is 6,400,000 meters long. Which river is longer?

Metric Units of Length
1 kilometer = 1,000 meters

6,650 x 1,000 = 6,650,000
6,650 km > 6,400,000 m

answer: **Nile River**

Find the products.

160,000 = 32 × 5,000

1,600,000 = 32 × 50,000

16,000,000 = 32 × 500,000

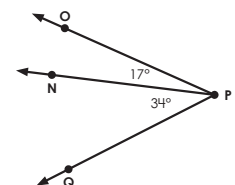
Write each improper fraction as a mixed number.

$$\frac{75}{4} = 18\frac{3}{4}$$

$$\frac{101}{10} = 10\frac{1}{10}$$

$$\frac{83}{6} = 13\frac{5}{6}$$

Write an equation and solve to find the measure of ∠OPQ.

equation: **17° + 34° = 51°**