

Name: _____



Math Buzz

Write the number in word and expanded form.

3,281,798

word: _____

expanded: _____

Identify each pair of lines as parallel, intersecting, or perpendicular.

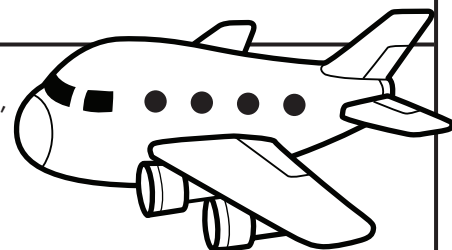
Divide. **Show your work.**



Preview

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The Whitakers were traveling to Sydney, Australia from New York City, but first had a layover in Los Angeles, California. The flight distance from NYC to L.A. was 3,944 kilometers. The flight distance from L.A. to Sydney was 12,051 kilometers.

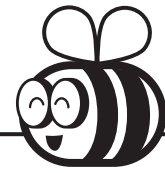


About how many total kilometers did the Whitakers travel? Estimate by rounding each number to the nearest thousand. _____ kilometers

Exactly how many total kilometers did the Whitakers travel? _____ kilometers

Is your answer reasonable? Explain. _____

Name: _____



Math Buzz

Which comparison is true?

$$\frac{3}{4} < \frac{2}{3}$$

$$\frac{3}{4} > \frac{2}{3}$$

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



Find the products.

$$55 \times 10 = \underline{\hspace{2cm}}$$

$$55 \times 100 = \underline{\hspace{2cm}}$$

$$55 \times 1,000 = \underline{\hspace{2cm}}$$

Is the number a factor of **36**? Write yes or no.

Preview

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the printable version of this worksheet.

Great Basin	77,180
Mesa Verde	52,485
Bryce Canyon	35,835

About how much larger is Saguaro National Park than Bryce Canyon?

Estimate by rounding each number to the nearest thousand.

_____ acres

Exactly how many acres larger is Saguaro National Park than Bryce Canyon?

_____ acres

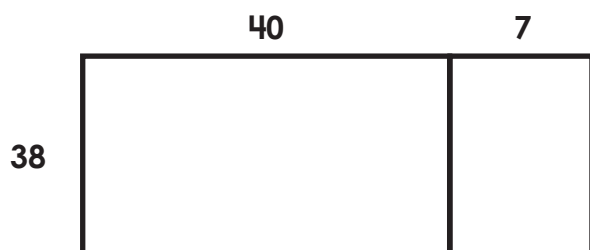
Is your answer reasonable? Explain. _____



Name: _____

Math Buzz

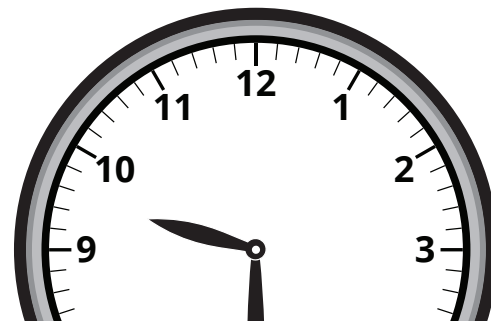
Complete the area model. Then use the distributive property of multiplication to find the product.



$$38 \times 47 = 38 \times (40 + 7)$$

$$= (38 \times 40) + (38 \times 7)$$

The clock below shows the time Ms. Gorman's math class begins. When class ends, the minute hand will have moved 270° . What time does math class end?



Preview

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Perimeter = _____ centimeters

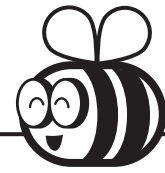


represents the equation.

54 is 9 times as many as 6

- a. $54 = 9 + 6$
- b. $6 \times 9 = 54$
- c. $6 + 9 = 54$
- d. $54 = 9 \times 9$

Name: _____



Math Buzz



Is the number a multiple of 7? Write yes or no.

72

98

63

84

57

105

Find the quotients

Write the fractions in order from least to greatest

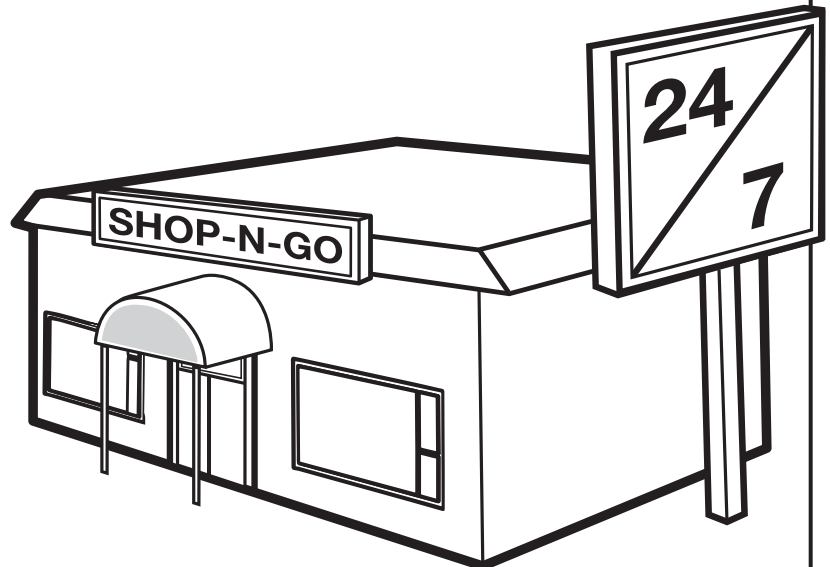


Preview

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

The Shop-N-Go convenience store at the corner of Parkside Avenue and Winthrop Street is open 24 hours a day, 7 days a week. How many hours is the store open each week?

Show your work.



answer: _____ hours

Name: _____

Math Buzz



Jacinda was 4 feet 6 inches tall last September. She grew 3 inches in the past year. How tall, in inches, is Jacinda now?

Divide. **Show your work.**

$$3 \overline{)79}$$

$$6 \overline{)268}$$

Standard Units of Length

1 foot = 12 inches

answer: _____ inches

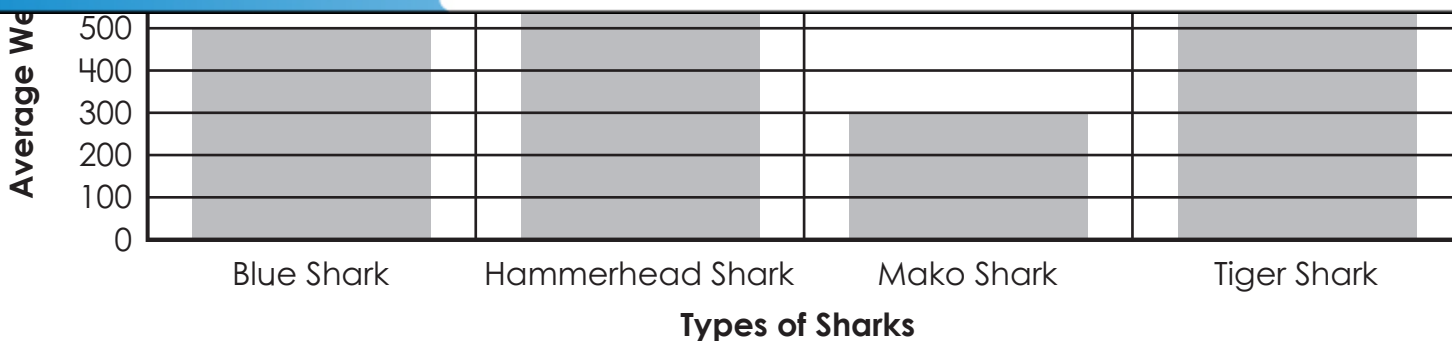
Compare the values of the underlined digits. Fill in **more** or **less** to complete the sentence.

The value of the 8 in 34,835 is ten times _____ than the value of the 8 in 58,314.



Preview

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



Which shark has the lowest average weight? _____

What is the difference between the average weight of a Hammerhead Shark and Tiger Shark? _____

How much greater is the average weight of a Tiger Shark than the average weight of a Mako Shark and Blue Shark combined? _____



Write the number in word and expanded form.

3,281,798

word: three million, two hundred eighty-one thousand, seven hundred ninety-eight

expanded: 3,000,000 + 200,000 + 80,000 + 1,000 + 700 + 90 + 8

Identify each pair of lines as parallel, intersecting, or perpendicular.



perpendicular parallel intersecting

Divide. (Show your work.)

$$\begin{array}{r} 13 \\ 7 \overline{)91} \\ \underline{-71} \\ 21 \\ \underline{-21} \\ 0 \end{array}$$

$$\begin{array}{r} 78 \\ 2 \overline{)156} \\ \underline{-14} \\ 16 \\ \underline{-16} \\ 0 \end{array}$$

About how many total kilometers did the Whitakers travel? Estimate by rounding each number to the nearest thousand.

16,000 kilometers

Exactly how many total kilometers did the Whitakers travel?

15,995 kilometers

Is your answer reasonable? Explain.

Yes, because 15,995 rounds up to 16,000. (Answers may vary.)

Which comparison is true?

$\frac{3}{4} < \frac{2}{3}$

$\frac{3}{4} > \frac{2}{3}$

Find the products.

$55 \times 10 =$ 550

$55 \times 100 =$ 5,500

Is the number a factor of 36?

Write yes or no.

9 18 13

yes yes no

About how much larger is Saguaro National Park than Bryce Canyon? Estimate by rounding each number to the nearest thousand.

56,000 acres

Exactly how many acres larger is Saguaro National Park than Bryce Canyon?

55,880 acres

Preview

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

= 1,786 10:15 A.M. Perimeter = 120 centimeters a. $54 - 7 \times 7$

Is the number a multiple of 7? Write yes or no.

72 98 63

no yes yes

84 57 105

yes no yes

Find the quotients.

$41,000 \div 10 =$ 4,100

$41,000 \div 100 =$ 410

$41,000 \div 1,000 =$ 41

Write the fractions in order from least to greatest.

$\frac{3}{5}$, $\frac{4}{10}$, $\frac{1}{2}$

$\frac{4}{10}$, $\frac{1}{2}$, $\frac{3}{5}$

The Shop-N-Go convenience store at the corner of Parkside Avenue and Winthrop Street is open 24 hours a day, 7 days a week. How many hours is the store open each week?

(Show your work.)

$24 \times 7 = 168$

answer: 168 hours

Jacinda was 4 feet 6 inches tall last September. She grew 3 inches in the past year. How tall, in inches, is Jacinda now?

Standard Units of Length

1 foot = 12 inches

$12 \times 4 = 48$
 $48 + 6 + 3 = 57$

answer: 57 inches

Divide. (Show your work.)

$$\begin{array}{r} 26r1 \\ 3 \overline{)79} \\ \underline{-61} \\ 19 \\ \underline{-18} \\ 1 \end{array}$$

$$\begin{array}{r} 44r4 \\ 6 \overline{)268} \\ \underline{-24} \\ 28 \\ \underline{-24} \\ 4 \end{array}$$

Compare the values of the underlined digits. Fill in more or less to complete the sentence.

The value of the 8 in 34,835 is ten times less than the value of the 8 in 58,314.

Which shark has the lowest average weight? Mako

What is the difference between the average weight of a Hammerhead Shark and Tiger Shark?

200 pounds

How much greater is the average weight of a Tiger Shark than the average weight of a Mako Shark and Blue Shark combined?

100 pounds