Name: _____

Math Buzz

Zyaire's great grandfather is eight times older than he is. Zyaire is twelve years old. How old is his great grandfather?

Show your work.

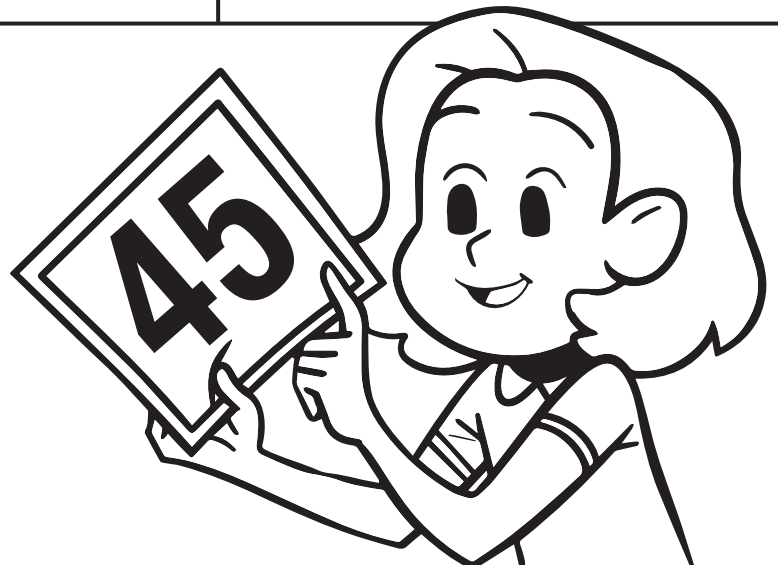**Preview**

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

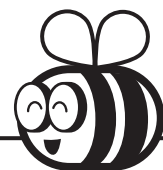Find the difference between the two five-digit numbers.

_____

$$\frac{2}{10} + \frac{4}{10} = \underline{\hspace{2cm}}$$
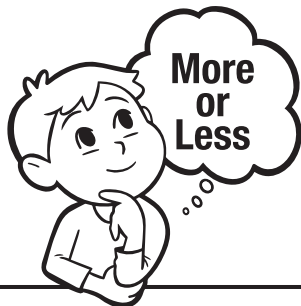
Which list shows factors of **45**?

a. 5, 15, 25, 35, 45

b. 4, 5, 10, 15, 40, 45

c. 1, 3, 5, 9, 15, 45

d. 45, 90, 135, 180, 225

Name: _____

Math Buzz

More or Less

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

The value of the 3 in 83_4_,209 is ten times _____ than the value of the 3 in _3_17,482.

Multiply.

_____ = 8 x 516

Tell how many faces, edges, and vertices each figure has.

Faces: _____

Edges: _____

Vertices: _____

_____

On Monday, two sixths of Mr. Middlestadt's class was remote learning, while three sixths of the class was learning in-person. The remainder of the students in his class were absent. What fraction of Mr. Middlestadt's class was learning on Monday?

Show your work.

answer: _____

Math Buzz

Name: _____

The fifth grade classes are taking a field trip to the planetarium next Wednesday. Each of the seven classes have twenty-six students and 3 chaperones attending. Determine the total number of people attending next week's field trip.

Write an equation with the letter **p** to represent the unknown quantity and solve.

equation: _____

3)521

Find the quotient of 88 divided by 7.

_____

Subtract. Simplfy if possible.

$$\frac{11}{12} - \frac{7}{12} = \underline{\hspace{1cm}}$$

$$\frac{9}{12} - \frac{4}{12} = \underline{\hspace{1cm}}$$

Name: _____

Math Buzz

Annalise had three fifths of her book left to read. She planned to finish reading her book over the weekend. If Annalise read two fifths of the book on Saturday, how much of the book is left for her to read before the weekend ends?
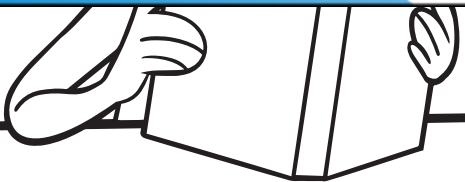
The picture graph below shows how many cans the grades at Homestead Elementary School collected all year for the recycling center.

Cans Collected									
Grade 2	♺	♺	♺						
Grade 3	♺	♺	♺	♺					
Grade 4	♺	♺	♺	♺					
Grade 5	♺	♺	♺	♺	♺				

How many cans did the grades at Homestead Elementary School collect all year for the recycling center?

_____

Find the products.

_____ = 25 x 30

_____ = 25 x 300

_____ = 25 x 3,000

Multiply. **Show your work.**

49 x 16 = _____

Math Buzz

Name: _____

Write **equivalent** or **not equivalent** for each set of fractions.

$\dfrac{20}{100}$ and $\dfrac{2}{10}$ _____

$\dfrac{5}{10}$ and $\dfrac{55}{100}$ _____
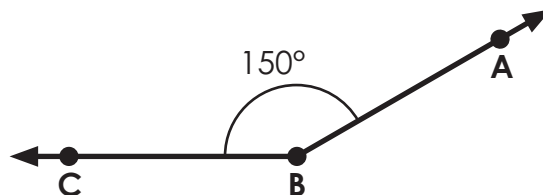
Solve each side and compare using >, <, or =.

1 gallon = 4 quarts

answer: _____ quarts
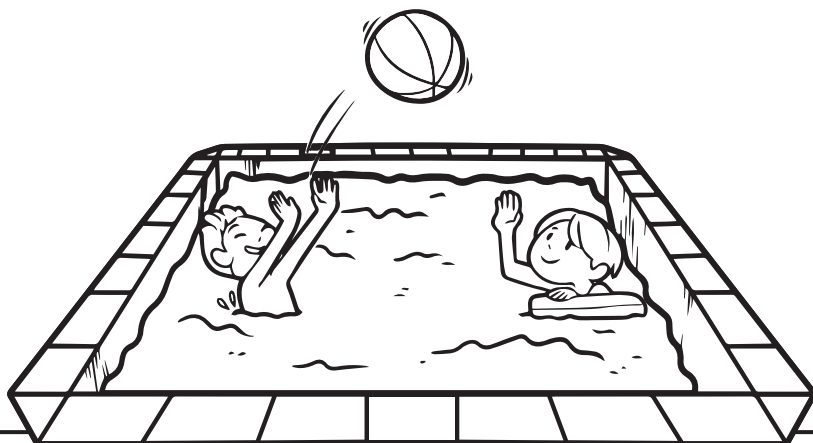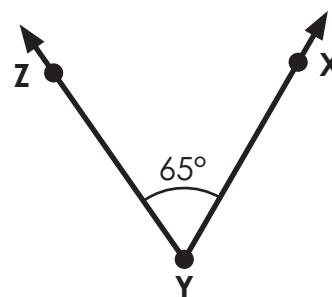
Classify each angle. Write **acute**, **obtuse**, **right**, or **straight**.

150°

A

C   B

_____

180°

L

Q

_____

Z   X

65°

Y

_____

Zyaire's great grandfather is eight times older than he is. Zyaire is twelve years old. How old is his great grandfather?

Show your work.

8 × 12 = 96

answer: **96** years old

Use each digit to write a five-digit number with the largest value and a five-digit number with the least value.

| 5 | 2 | 9 | 6 | 3 |

Greatest: **96,532**

Least: **23,569**

Find the difference between the two five-digit numbers.

72,963

Add. Simplify if possible.

$$\frac{6}{10} + \frac{3}{10} = \frac{9}{10}$$

$$\frac{2}{10} + \frac{4}{10} = \frac{6}{10} = \frac{3}{5}$$

Which list shows factors of **45**?

a. 5, 15, 25, 35, 45

b. 4, 5, 10, 15, 40, 45

c. 1, 3, 5, 9, 15, 45

d. 45, 90, 135, 180, 225

Compare the values of the underlined digits. Fill in **more** or **less** to complete the sentence.
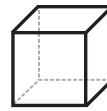
The value of the 3 in 8<u>3</u>4,209 is ten times **less** than the value of the 3 in <u>3</u>17,482.

Multiply.

4,128 = 8 × 516

$$\begin{array}{r} {}^{1}{}^{3}{}^{3} \\ 2,398 \\ \times 4 \\ \hline 9,592 \end{array}$$

Tell how many faces, edges, and vertices each figure has.

Faces: **6**

Edges: **12**

Vertices: **8**

Faces: **5**

On Monday, two sixths of Mr. Middlestadt's class was remote learning, while three sixths of the class was learning in-person. The remainder of the students in his class were absent. What fraction of Mr. Middlestadt's class was learning on Monday?

Show your work.

2 **3** **5**

Preview

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---

p = **263**

Answers may vary.

Annalise had three fifths of her book left to read. She planned to finish reading her book over the weekend. If Annalise read two fifths of the book on Saturday, how much of the book is left for her to read before the weekend ends?

$$\frac{3}{5} - \frac{2}{5} = \frac{1}{5}$$

answer: **$\frac{1}{5}$**

The picture graph below shows how many cans the grades at Homestead Elementary School collected all year for the recycling center.

Which grade collected two times as many cans as Grade 2?

Grade 5

How many cans did the grades at Homestead Elementary School collect all year for the recycling center?

1,500 cans

Find the products.

750 = 25 × 30

7,500 = 25 × 300

75,000 = 25 × 3,000

Multiply. **Show your work.**

49 × 16 = **784**

$$\begin{array}{r} {}^{5} \\ 49 \\ \times 16 \\ \hline 294 \\ + 490 \\ \hline 784 \end{array}$$

Write **equivalent** or **not equivalent** for each set of fractions.

$\frac{20}{100}$ and $\frac{2}{10}$ **equivalent**

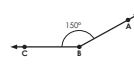$\frac{5}{10}$ and $\frac{55}{100}$ **not equivalent**

Solve each side and compare using **>**, **<**, or **=**.

(77 × 3) + 65 **>** 27 + (53 × 5)

231 + 65   27 + 265

296   292

Classify each angle. Write **acute**, **obtuse**, **right**, or **straight**.
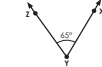
150°   90°

obtuse   **right**

180°   65°
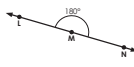
straight   **acute**

The capacity of the Velascos' swimming pool is 4,645 gallons. What is the capacity of their swimming pool in quarts?

Standard Units of Liquid Volume
1 gallon = 4 quarts

4,645 × 4 = 18,580

answer: **18,580** quarts