Name: _____

Math Buzz

What is the smallest six-digit number that can be made from the number cards shown with a five in the ten thousands place?

| 7 | 8 | 2 | 4 | 9 | 5 |

_____

Multiply.

$$\begin{array}{r} 37 \\ \times\ \ 8 \\ \hline \end{array}$$

The number of students in Aaron's class is less than 30, and is also a multiple of 8. How many students could

20

24

What is the greatest number of lines of symmetry that can be drawn on the figure below?

answer: _____ **lines of symmetry**

Which comparison is true?

$\dfrac{1}{4} = \dfrac{2}{8}$ $\dfrac{1}{4} > \dfrac{2}{8}$ $\dfrac{1}{4} < \dfrac{2}{8}$
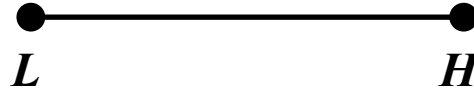
Name: _____
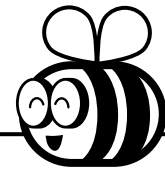
Math Buzz

Cara mows lawns during the summer to earn money.
She makes $30 for every lawn she mows. If she mowed
6 lawns last week, how much did she earn?

answer: _____

Multiply.

Name the figure shown.

L ●————————————● H

_____

Solve to find the value of **n**.

n	
3,750,647	591,457

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

Complete the number sentences to match the tape diagram.

$$\frac{5}{6} = \frac{\square}{6} + \frac{\square}{6} + \frac{\square}{6} + \frac{\square}{6} + \frac{\square}{6}$$

$$\frac{5}{6} = 5 \times \frac{\square}{6}$$

Math Buzz

Solve to find the value of **n**.

7,685,607	
n	**1,781,748**

n = _____

948,969	**n**
3,995,009	

Which comparison is true?

$\frac{2}{6}$ **is equal to** $\frac{3}{4}$

$\frac{2}{6}$ **is greater than** $\frac{3}{4}$
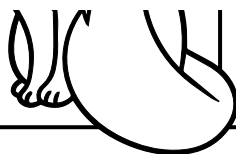
$\frac{2}{6}$ **is less than** $\frac{3}{4}$

Circle the factors pairs of **100**.
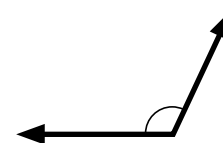
answer: _____ **kilograms**

1, 100   **75, 25**

Label each angle as right, acute or obtuse.

_____   _____   _____

_____   _____   _____
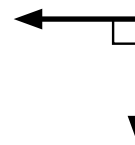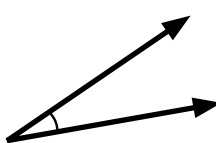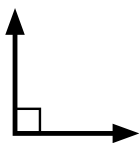
Name: _____
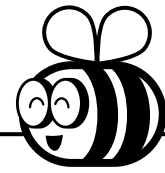
Math Buzz

Multiply.

$$\begin{array}{r} 92 \\ \times\ \ 6 \\ \hline \end{array}$$

The width of Mr. Brennan's office is 6 feet. The length is twice the width. Mr. Brennan's rectangular desk is 4 feet by 2 feet. If Mr. Brennan puts the desk in his office, how many square feet of floor space will be available for the rest of his things?

Show your work

answer: _____ **square feet**

Add.

52,778   982   57,785

Name the figure shown.

Complete the number sentences to match the tape diagram.

1

| $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ |

$$\frac{5}{8} = \frac{\square}{8} + \frac{\square}{8} + \frac{\square}{8} + \frac{\square}{8} + \frac{\square}{8}$$

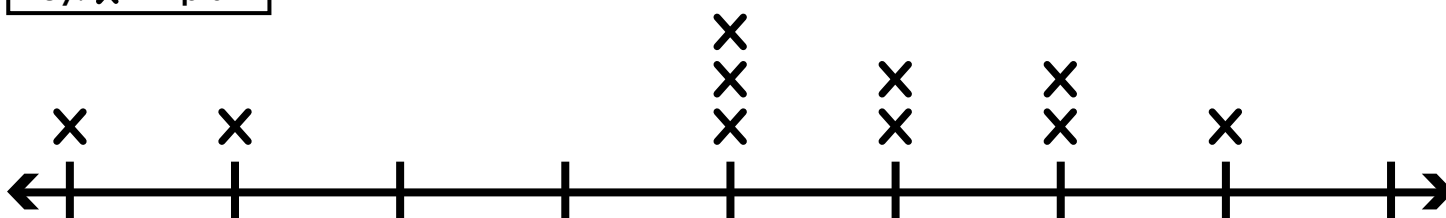$$\frac{5}{8} = 5 \times \frac{\square}{8}$$

Math Buzz

The students in Mr. Middleton's class grew bean plants. Below is a line plot that shows how much they grew in a week. There was one more bean plant that grew $\frac{3}{8}$ of an inch than $\frac{5}{8}$ of an inch. Fill in the missing part of the line plot to show how many bean plants grew $\frac{3}{8}$ of an inch.
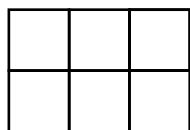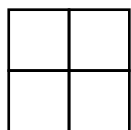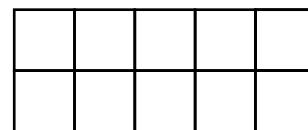
Bean Plants

key: ✗ = 1 plant

Draw the missing figure in the pattern.

_____

Divide.

48,000 ÷ 100 = _____   **4,000 ÷ 10 =** _____

8,000 ÷ 1,000 = _____   **9,800 ÷ 100 =** _____

What is the smallest six-digit number that can be made from the number cards shown with a five in the ten thousands place?

| 7 | 8 | 2 | 4 | 9 | 5 |

254,789

Multiply.

$$\begin{array}{r} \overset{5}{37} \\ \times\ \ 8 \\ \hline 296 \end{array}$$

The number of students in Aaron's class is less than 30, and is also a multiple of 8. How many students could be in Aaron's class?

32

18

20

(24)

What is the greatest number of lines of symmetry that can be drawn on the figure below?

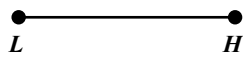answer: **4** **lines of symmetry**

Which comparison is true?

$$\left(\frac{1}{4} = \frac{2}{8}\right)$$

$$\frac{1}{4} > \frac{2}{8}$$

$$\frac{1}{4} < \frac{2}{8}$$

Cara mows lawns during the summer to earn money. She makes $30 for every lawn she mows. If she mowed 6 lawns last week, how much did she earn?

$30 × 6 = $180

answer: **$180**

Name the figure shown.

L ●——————● H

Line Segment *LH* or *HL*

Multiply.

26 × 1,000 = **26,000**

100 × 63 = **6,300**

9 × 100 = **900**

10 × 71 = **710**

Solve to find the value of *n*.

n	
3,750,647	591,457

n = **4,342,104**

3,817,789	4,186,790
n	

Complete the number sentences to match the tape diagram.
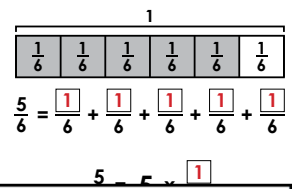
1					
$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$

$$\frac{5}{6} = \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6}$$

$$\frac{5}{6} = 5 \times \boxed{\frac{1}{6}}$$

---

n = **3,048,040**

Multiply.

$$\begin{array}{r} \overset{1}{92} \\ \times\ \ 6 \\ \hline 552 \end{array}$$

The width of Mr. Brennan's office is 6 feet. The length is twice the width. Mr. Brennan's rectangular desk is 4 feet by 2 feet. If Mr. Brennan puts the desk in his office, how many square feet of floor space will be available for the rest of his things?

6 × 12 = 72 **4 × 2 = 8**

72 − 8 = 64

answer: **64** **square feet**

Add.

$$\begin{array}{r} \overset{1\ 11}{52{,}778} \\ +\ 12{,}456 \\ \hline 65{,}234 \end{array} \qquad \begin{array}{r} \overset{1}{982} \\ +\ 63{,}807 \\ \hline 64{,}789 \end{array} \qquad \begin{array}{r} \overset{11\ 11}{57{,}795} \\ +\ 8{,}526 \\ \hline 66{,}321 \end{array}$$

Order the sums from greatest to least.

66,321 , **65,234** , **64,789**

Name the figure shown.

●B ————— ●G

Line *BG* or Line *GB*

Complete the number sentences to match the tape diagram.

1							
$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$

$$\frac{5}{8} = \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8}$$

$$\frac{5}{8} = 5 \times \boxed{\frac{1}{8}}$$

Bean Plants

key: **✗** = 1 plant

0 ——— $\frac{3}{8}$ — $\frac{5}{8}$ ——— 1

Length (Inches)
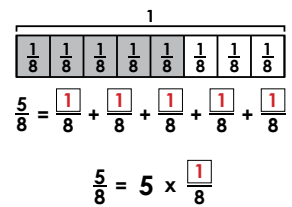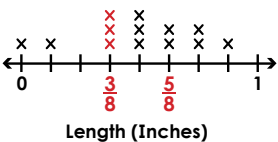
Write the mixed number in word form.

$$4\frac{1}{6}$$

four and one sixth

Subtract. Then circle the difference that rounds to 50,000.

$$\begin{array}{r} \overset{5\ \ \ 10}{5\ \cancel{6}{,}128} \\ -\ \ 3{,}652 \\ \hline 52{,}476 \end{array} \qquad \begin{array}{r} \overset{7\ 12}{67{,}382} \\ -\ 11{,}258 \\ \hline 56{,}124 \end{array} \qquad \begin{array}{r} \overset{9\ \ 11}{70{,}217} \\ -\ 25{,}896 \\ \hline 44{,}321 \end{array}$$

Draw the missing figure in the pattern.

Divide.

48,000 ÷ 100 = **480**

8,000 ÷ 1,000 = **8**

4,000 ÷ 10 = **400**

9,800 ÷ 100 = **98**