Math Buzz

Write a multiplication sentence to match the tape diagram.

\[
\frac{7}{10} = \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10}
\]

\[
\frac{7}{10} = \square \times \square
\]

Circle the name of the figure shown.

- Line RG
- Line Segment RG
- Ray RG

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

\[
\begin{align*}
5 & \ 8 & 9 & 2 & 3 & 1 \\
\end{align*}
\]

Largest: ____________  Smallest: ____________

Then write a number sentence to compare the two six-digit numbers using >, <, =.

Multiply.

\[
52 \times 6 = \underline{\quad}
\]

\[
74 \times 3
\]

47 times as many as 9.

Preview

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Math Buzz

Circle the name of the figure shown.

- Line FZ
- Line Segment FZ
- Ray FZ

Multiply.

\[
\begin{array}{c}
273 \\
\times \\
4 \\
\end{array}
\]

Find the quotients.

\[
\begin{array}{c}
8 \overline{56} \\
8 \overline{560} \\
8 \overline{5,600} \\
\end{array}
\]

Jamil drove 42 kilometers to get to the ski resort where he was meeting his friends. If there are 1,000 meters in a kilometer, how many meters did Jamil drive?

answer: ____________ meters
Math Buzz

Decompose the rectangle to find a fraction equivalent to one fourth.

Lizbeth has 20 flowers. She is making small bouquets of 3 flowers. How many bouquets can she make?

Will there be any flowers leftover? ___________

Order the sums from least to greatest.

3 tens times 4 hundreds

6 tens times 7 thousands

Solve.

Circle the name of the figure shown.

K

D

Line KD

Line Segment KD

Ray KD
Scarlett has a rectangular rug that is 2 times as long and 3 times as wide as the table she is putting on top of it. The table is 5 feet long and 4 feet wide.

What is the perimeter of the rug?

_______ feet

What is the area of the rug?

_______ square feet

Find the quotients.

\[
\begin{array}{c}
9 & \longdiv{45} \\
9 & \longdiv{450} \\
9 & \longdiv{4500}
\end{array}
\]

Maurice estimated that an adult humpback whale would weigh 13,000 pounds. He looked it up and found out that they weigh about 66,000 pounds. Was Maurice's estimate reasonable? Explain.

__________________________

__________________________

__________________________

Draw a line to match each figure.

- Line \(JP\)
- Line Segment \(JP\)
- Ray \(JP\)
Draw the missing figure in the pattern.
Each □ = 1 square unit.

answer: __________ square units

List all the factors of 36.

Compare the values of the underlined digits.

67,751 and 36,843

\[ \frac{1}{6} = \square \square \]

The value of the 6 in ___________ is _____ times the value of 6 in ____________.
Write a multiplication sentence to match the tape diagram.

\[
\frac{7}{10} = 7 \times \frac{1}{10}
\]

Circle the name of the figure shown.

\begin{align*}
\text{Line RG} & \quad \text{Line Segment RG} \\
\text{Ray RG} & \quad \text{Line ZF} \\
\text{Ray ZF} & \quad \text{Line Segment ZF}
\end{align*}

There are 15 identical shoes. How many pairs of shoes are there? \( \_7 \_ \)
Will there be any shoes without a match? \( \text{Yes} \)
If so, how many? \( \_1 \_ \)

What is the area of the rug? \( \_9 \_ \)
\( 10 \times 12 = 120 \) square feet

Multiply.

\[
\begin{array}{c|c}
2 & 1 \\
2 & 7 & 3 \\
\times & 4 & \\
\hline & 1 & 0 & 9 & 2 \\
\end{array}
\]

Subtract. Then circle the difference that rounds to 100,000.

\[
\begin{array}{c|c}
780,000 & 1,000 \\
680,432 & 732,245 \\
-693,055 & -687,475 \\
127,945 & 15,769 & 44,770 \\
\end{array}
\]

Find the quotients.

\[
\begin{array}{c|c}
7 & 56 \\
8 & 70 \\
8 & 560 \\
\hline & 700 \\
\end{array}
\]

Multiply.

\[
\begin{array}{c|c}
4 & 2 \\
1 & 8 & 4 \\
\times & 5 & \\
\hline & 9 & 2 & 0 \\
\end{array}
\]

Maurice estimated that an adult humpback whale would weigh 13,000 pounds. He looked it up and found out that they weigh about 66,000 pounds. Was Maurice’s estimate reasonable? Explain.
No, his estimate would round to 70,000 while the actual weight would round to 70,000. That’s about a 60,000 pound difference.

Answers may vary.

Jamil drove 42 kilometers to get to the ski resort where he was meeting his friends. If there are 1,000 meters in a kilometer, how many meters did Jamil drive?

Show your work

\[ 42 \times 1,000 = 42,000 \]

Draw a line to match each figure.

\begin{align*}
\text{Line JP} & \quad \text{Line Segment JP} \\
\text{Ray JP} & \quad \text{Ray JP} \\
\text{Line JP} & \quad \text{Line JP}
\end{align*}

List all the factors of 36.
1, 2, 3, 4, 6, 9, 12, 18, 36

Decompose the rectangle to find a fraction equivalent to one sixth.

\[
\begin{array}{c|c}
1/6 & 2/12 \\
\end{array}
\]

The media center has 19 chairs. There are 4 chairs at each table. How many tables have 4 chairs?

\( \_4 \_ \_ \)
Will there be any extra chairs? \( \text{Yes} \)
If so, how many? \( \_3 \_ \_ \_ \)

Compare the values of the underlined digits.

67,751 and 36,843
The value of the 6 in 67,751 is 10 times the value of the 6 in 36,843.