Math Buzz

Multiply.

\[4 \times 42 = \underline{\text{_____________}}\]

26
\[\underline{x} \quad 7\]

5 times as many as 64.

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

\[6 \quad 4 \quad 2 \quad 7 \quad 5\]

Largest: \underline{\text{_____________}} Smallest: \underline{\text{_____________}}

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

\[\underline{\text{_______________________________________________}}\]

Write a multiplication sentence to match the tape diagram.

\[\frac{3}{5} = \frac{1}{5} + \frac{1}{5} + \frac{1}{5}\]

\[\frac{3}{5} = \underline{\text{_____________}} \times \underline{\text{_____________}}\]

Draw Point \(D\).

Draw Point \(E\).

Connect the points to show Line Segment \(DE\).
Add. Then circle the sum that rounds to 800,000.

259,834 + 593,419 = ________________

______________ = 468,716 + 324,685

641,952 + 103,098 = ________________

Find the quotients.

\[
\begin{array}{c}
6 \longdiv{24} \\
\end{array}
\]

\[
\begin{array}{c}
6 \longdiv{240} \\
\end{array}
\]

\[
\begin{array}{c}
6 \longdiv{2,400} \\
\end{array}
\]

Draw Point \(J\).
Draw Point \(K\).
Connect the points to show Line \(JK\).

<table>
<thead>
<tr>
<th>kilometers</th>
<th>1</th>
<th>3</th>
<th>5</th>
</tr>
</thead>
</table>

Multiply.

\[
\begin{array}{c|c|c}
3 & 7 & 4 \\
\hline
x & 2 & \\
\end{array}
\]
Math Buzz

Subtract.

\[
\begin{align*}
983,691 & \quad 709,548 & \quad 879,392 \\
-451,939 & \quad -178,273 & \quad -347,865 \\
\end{align*}
\]

Order the differences from least to greatest.


Solve.

Draw Point \( P \).

The Spanish Club is having a bake sale. There are 14 chocolate chip cookies on a plate. If they are sold in groups of three, how many people can buy chocolate chip cookies?


Will there be any cookies leftover? _________

If so, how many? _________

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

\[
\frac{1}{2} = \square \]

Preview

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

Super Teacher Worksheets - www.superteacherworksheets.com
Bristol estimated the height of Mount Everest to be 30,000 feet. After looking it up online, she found that the actual height of Mount Everest is 29,029 feet. Was Bristol’s estimate reasonable? Explain.

Maeryn cut a rectangular piece of wrapping paper that was 2 times as big as the rectangular gift box she was wrapping. The gift box was 9 inches by 6 inches.

What is the perimeter of the piece of wrapping paper?

________ inches

What is the area of the piece of wrapping paper?

________ square inches

Maeryn cut a rectangular piece of wrapping paper that was 2 times as big as the rectangular gift box she was wrapping. The gift box was 9 inches by 6 inches.

Find the quotients.

\[
\begin{array}{c|c}
7 & 49 \\
7 & 490 \\
7 & 4,900 \\
\end{array}
\]
Math Buzz

Mrs. Grimaldi has 11 eggs. She uses 4 eggs to make one yellow cake. How many cakes can Mrs. Grimaldi bake?

Will there be any eggs leftover? __________
If so, how many?_________

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

The value of the 5 in ___________ is ______
times the value of 5 in ____________.

If the pattern continues, what will be the area of the next figure?
Each □ = 1 square unit.

answer: __________ square units
Multiply.

\[ 4 \times 42 = \boxed{168} \]

4

26

x 7

182

5 times as many as 64.

320

Nico is folding his laundry. He has 9 white socks.

How many pairs of socks are there? \( \boxed{4} \)

Will there be any socks without a match? **Yes**

If so, how many? \( \boxed{1} \)

Complete the number sentences to match the tape diagram.

\[ \frac{3}{5} \times \frac{1}{5} + \frac{1}{5} + \frac{1}{5} = \boxed{\frac{4}{5}} \]

Draw Point \( D \).

Draw Point \( E \).

Connect the points to show Line Segment \( DE \).

Add. Then circle the sum that rounds to 800,000.

\[ 259,834 + 593,419 = \boxed{853,253} \]

\[ 511,532 + 113,098 = \boxed{624,630} \]

Many people in the community where Isaiah lives enjoy walking and biking on the scenic Parkway Trail. The trail begins off of Main Street and heads 5,000 meters north along the winding river. Complete the table to show how many kilometers the trail is.

<table>
<thead>
<tr>
<th>400</th>
<th>200</th>
<th>100</th>
<th>50</th>
<th>5</th>
</tr>
</thead>
<tbody>
<tr>
<td>440</td>
<td>420</td>
<td>400</td>
<td>390</td>
<td>380</td>
</tr>
<tr>
<td>400</td>
<td>420</td>
<td>440</td>
<td>460</td>
<td>480</td>
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<tr>
<td>470</td>
<td>490</td>
<td>510</td>
<td>530</td>
<td>550</td>
</tr>
<tr>
<td>560</td>
<td>580</td>
<td>600</td>
<td>620</td>
<td>640</td>
</tr>
</tbody>
</table>

Draw Point \( J \).

Draw Point \( K \).

Connect the points to show Line \( JK \).

Find the quotients.

\[ \frac{4}{24} = \boxed{\frac{1}{6}} \]

\[ \frac{40}{240} = \boxed{\frac{1}{6}} \]

9 + 9 + 6 + 6 = \boxed{30}
30 \times 2 = \boxed{60}

What is the perimeter of the piece of wrapping paper? \( \boxed{60} \) inches

9 \times 6 = \boxed{54}
54 \times 2 = \boxed{108}

What is the area of the piece of wrapping paper? \( \boxed{108} \) square inches

Bristol estimated the height of Mount Everest to be 30,000 feet. After looking it up online, she found that the actual height of Mount Everest is 29,029 feet. Was Bristol’s estimate reasonable? Explain.

Yes, 29,029 rounded to the nearest ten thousand is 30,000.

Answers may vary.

Mrs. Grimaldi has 11 eggs. She uses 4 eggs to make one yellow cake. How many cakes can Mrs. Grimaldi bake?

\( \frac{1}{3} = \boxed{\frac{2}{6}} \)

Will there be any eggs leftover? **Yes**

If so, how many? \( \boxed{3} \)

Answers may vary.

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

List all the factors of 32.

\[ 1, 2, 4, 8, 16, 32 \]

Compare the values of the underlined digits.

\[ 25,846 \text{ and } 64,518 \]

The value of the 5 in \( 25,846 \) is 10 times the value of 5 in \( 64,518 \).

If the pattern continues, what will be the area of the next figure?

Each \( \square \) = 1 square unit.

\[ \boxed{11} \] square units