

Directions: Complete the following table using your place value knowledge.

(Rationale: 4.NBT.1,2,3) Generalize place value understanding for multi-digit whole numbers less than or equal to one million.

<p>The digit 5 in the number 3<u>5</u>4,290 is _____ times _____ than the digit 5 in the number 15,0<u>0</u>7.</p>	<p>What is the name of the house or period that is to the left of the ones house? _____</p>	<p>What is the value of the underlined digit? 42,<u>3</u>07</p>	<p>Write the number in standard form: 3 ten thousands, five hundreds, 3 ones.</p>
<p>Use < or > or = to compare. 34,789 34,800</p>	<p>What is the value of the underlined digit? <u>9</u>2,846</p>	<p>Write the number in expanded form. 862,009</p>	<p>The digit 3 in the number 754,<u>3</u>90 is _____ times _____ than the digit 3 in the number 1<u>3</u>,867.</p>
<p>Write the number in standard form: One hundred thirteen thousand, six hundred seven. _____</p>	<p>Write this number in word form. 47,026. _____ _____</p>	<p>Use < or > or = to compare. 143,206 99,999</p>	<p>What is the value of the underlined digit? 1,<u>2</u>53,667 _____</p>
<p>What is the value of the underlined digit? 804,<u>1</u>19</p>	<p>Use < or > or = to compare. 20,169 20,087</p>	<p>The digit 2 in the number 354,<u>2</u>90 is _____ times greater than the digit 2 in the number 15,4<u>7</u>2.</p>	<p>Write the number in expanded form. 204,173</p>

Directions: Fill in the missing digits to make the equation true.

Rationale: 4.NBT.4 Fluently add and subtract multi-digit whole numbers using the standard algorithm.

Ex.

$$\begin{array}{r} \mathbf{1.} \quad 19, 781 \\ + 19, 001 \\ \hline 38, 782 \end{array}$$

$$\begin{array}{r} \mathbf{2.} \quad 3 \square, 091 \\ + 21, \square 03 \\ \hline \square 3, 99 \square \end{array}$$

$$\begin{array}{r} \mathbf{3.} \quad 75, \square 3 \\ - \square 6, 660 \\ \hline 4 \square, 571 \end{array}$$

$$\begin{array}{r} \mathbf{4.} \quad 63, 1 \square 9 \\ - 18, \square 9 \square \\ \hline \square \square, 031 \end{array}$$

$$\begin{array}{r} \mathbf{5.} \quad \square 0, 0 \square 5 \\ + 2 \square, 173 \\ \hline 43, \square 4 \square \end{array}$$

$$\begin{array}{r} \mathbf{6.} \quad 8 \square, 5 \square 2 \\ - 44, 031 \\ \hline \square 4, \square 4 \square \end{array}$$

$$\begin{array}{r} \mathbf{7.} \quad 1 \square, 8 \square \square \\ + 30, \square 99 \\ \hline \square 3, 881 \end{array}$$

$$\begin{array}{r} \mathbf{8.} \quad 9 \square, \square 46 \\ - \square 9, 06 \square \\ \hline 80, 3 \square 6 \end{array}$$

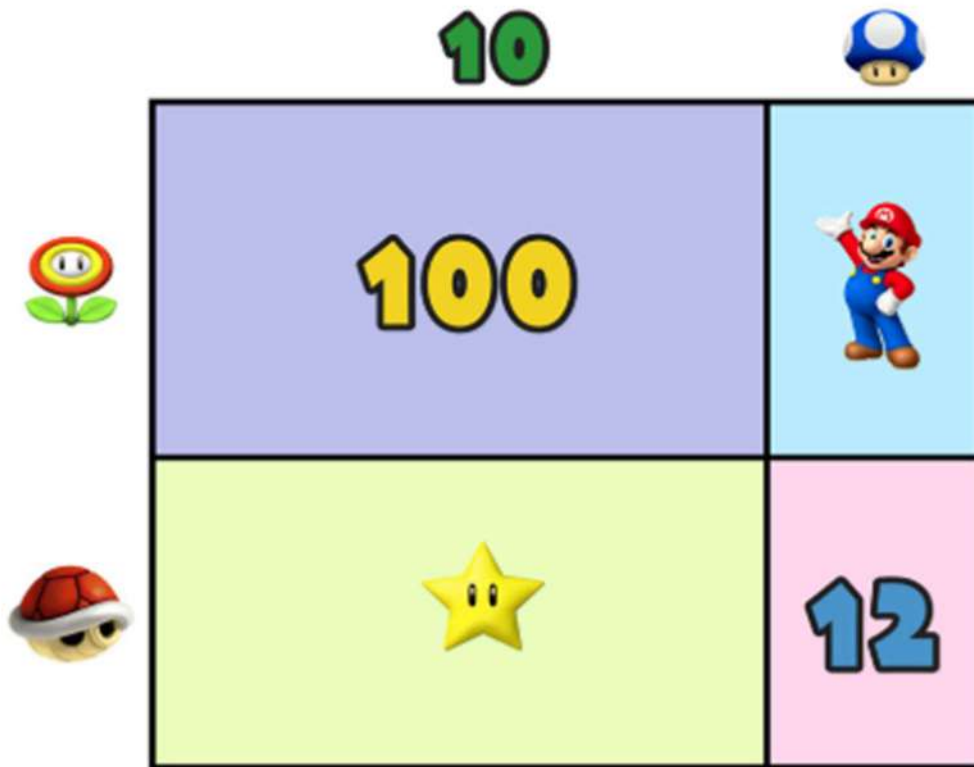
$$\begin{array}{r} \mathbf{9.} \quad 34, 8 \square 2 \\ + 91, \square 39 \\ \hline \square 2 \square, 91 \square \end{array}$$






Directions: Complete the following multiplication problems by figuring out the value of each icon to successfully reach the product given.

Rationale: 4.NBT.5, 6 – Multiply whole numbers up to four digit by one digit using place value understanding.

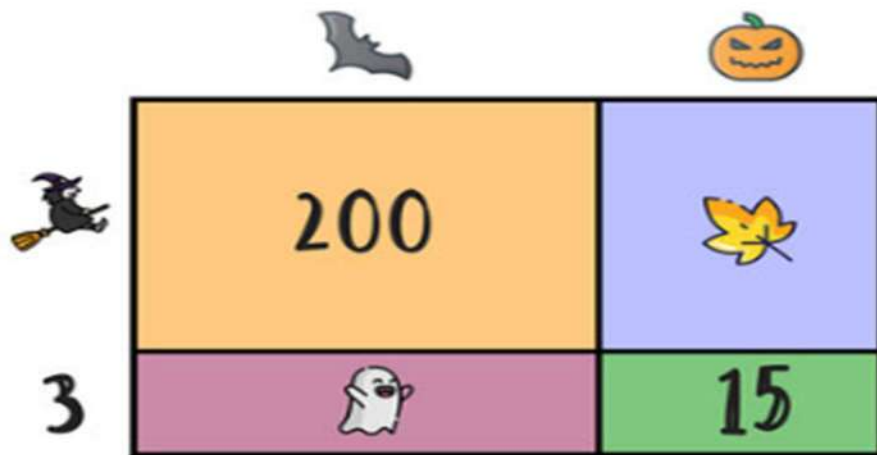
SUPER MARIO MATH CHALLENGE

The area model below represents the value 182.
Find the value of each icon.



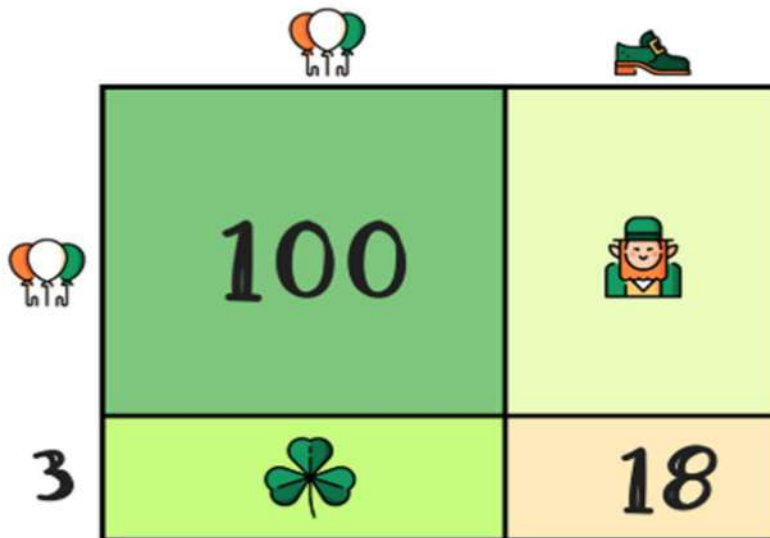
				
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Find a value for each icon in the area model below so that it represents the value 325.



Below the area model are five empty boxes for labeling the icons. Above each box is a small icon: a bat, a jack-o'-lantern, a ghost, a yellow leaf, and a witch on a broom.

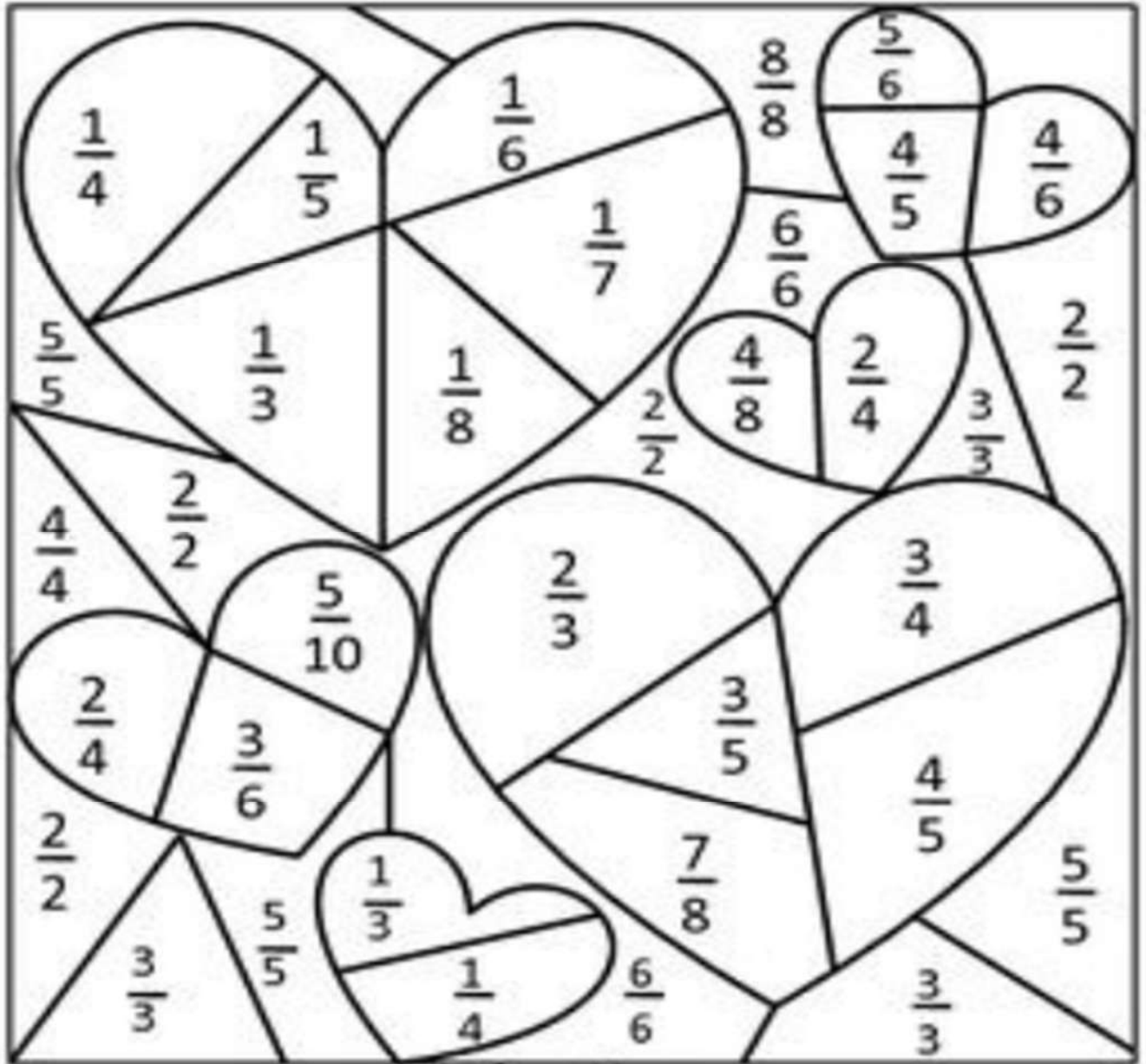
The area model below represents the value 208. Find the value of each icon.



Below the area model are four empty boxes for labeling the icons. Above each box is a small icon: a balloon, a shamrock, a green shoe, and a leprechaun.

Directions: Color the following picture according to the key.

Rationale: 4.NF.1 Explain why a fraction is equivalent to another fraction using models and how the number and size of the parts differ. Use this principle to recognize and generate equivalent fractions.



Color Key

Pink Fractions less than $\frac{1}{2}$	Red Fractions equal to $\frac{1}{2}$	Purple Fractions greater than $\frac{1}{2}$	Blue Fractions equal to 1
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