

Thank you

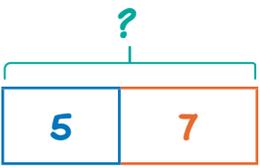
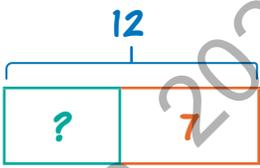
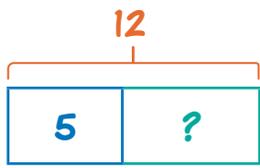
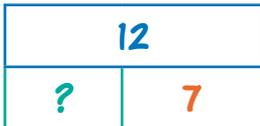
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Writing Equations for Addition and Subtraction Word Problems

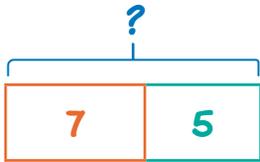
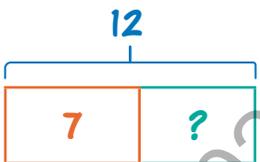
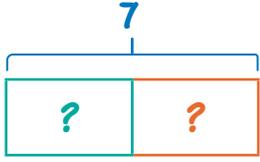
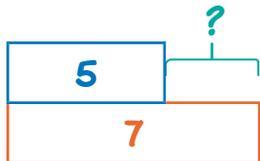
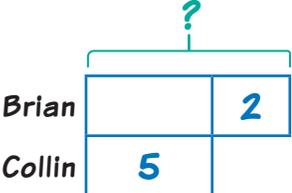
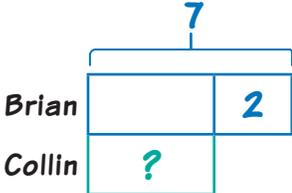
A word problem can have the **variable** or unknown number in different places.

	Result Unknown	Start Unknown	Change Unknown
Add To	<p>5 bunnies sat on the grass. 7 more bunnies hopped over. How many bunnies are on the grass now?</p>  $5 + 7 = \square$	<p>Some bunnies were sitting on the grass. 7 more bunnies hopped over. Then there were 12 bunnies. How many bunnies were on the grass before?</p>  $\square + 7 = 12$	<p>5 bunnies were sitting on the grass. Some more bunnies hopped over. Now there are 12 bunnies. How many bunnies hopped over?</p>  $5 + \square = 12$
Take From	<p>12 apples were on the table. I ate 5 apples. How many apples are on the table now?</p>  $12 - 5 = \square$	<p>Some apples were on the table. I ate 5 apples. Then there were 7 apples. How many apples were there before?</p>  $\square - 5 = 7$	<p>12 apples were on the table. I ate some of them, leaving 7 apples. How many apples did I eat?</p>  $12 - \square = 7$

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Writing Equations for Addition and Subtraction Word Problems (continued)

A word problem can sometimes have more than one **variable** or unknown number in different places.

	Total Unknown	Addend Unknown	Both Addends Unknown*
Put Together/Take Apart	<p>7 pink balls and 5 green balls are in the toy box. How many balls total are in the toy box?</p>  <p>$7 + 5 = \square$</p>	<p>12 balls are in the toy box. 7 are pink and the rest are green. How many of the balls in the toy box are green?</p>  <p>$12 = 7 + \square$</p> <p>$12 - 7 = \square$</p>	<p>Grandma has 7 flowers and 2 vases. How many flowers can she put in her green vase, and how many can she put in her pink vase?</p>  <p>$7 = \square + \square$</p> <p>*See page 42 for more about word problems with multiple answers.</p>
	Difference Unknown	Bigger Unknown	Smaller Unknown
Compare	<p>Collin has 5 carrots. Brian has 7 carrots. How many more carrots does Brian have than Collin?</p>  <p>$5 + \square = 7$</p> <p>$7 - 5 = \square$</p>	<p>Brian has 2 more carrots than Collin. Collin has 5 carrots. How many carrots does Brian have?</p>  <p>$2 + 5 = \square$</p> <p>$5 + 2 = \square$</p>	<p>Brian has 2 more carrots than Collin. Brian has 7 carrots. How many carrots does Collin have?</p>  <p>$7 - 2 = \square$</p> <p>$2 + \square = 7$</p>

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