

# Equation Sort: Start, Change, and Result Unknown

Word Problem Sort  
 Read each problem and decide if the equation would be a start, change, or result unknown type of equation

Start Unknown	Change Unknown	Result Unknown

**Directions:** Read each problem. Write an equation to match the problem, and use a symbol (?) for the unknown number. Cut out the problems and sort them into the correct category on the Word Problem graphic organizer.

Nolan had 8 cupcakes. His brother ate 3 of his cupcakes. How many cupcakes does Nolan have now? Equation: _____	Mrs. Brown's class had 12 frogs. They earned some more frogs in the hallway on the way to lunch. Now they have 19 frogs. How many frogs did they earn in the hallway? Equation: _____	Kayla read 8 pages in her book in the morning. In the afternoon, she read 4 more pages. How many pages did she read in total? Equation: _____
Payton has some t-shirts. His dad bought him 5 more t-shirts. Now he has 11 t-shirts. How many t-shirts did Payton already have? Equation: _____	Mrs. Carter had some boxes of crayons. She gave 5 of them to her students. Now she has 10 boxes of crayons. How many boxes did she already have? Equation: _____	Mrs. Davis drank some cups of water in the morning. Later, she drank 3 more cups of water. In total, she had 8 cups of water. How much water did Mrs. Davis drink in the morning? Equation: _____
Maria found 10 seashells. Her sister gave her some more seashells. Now she has 14 seashells. How many seashells did her sister give her? Equation: _____	Brian had 9 Dojo points. His teacher gave him 6 more Dojo points. How many Dojo points does Brian have now? Equation: _____	Mrs. Brown had 12 chocolate cookies. She dropped some of her cookies on the floor. Now she has 7 chocolate cookies left. How many cookies did she drop on the floor? Equation: _____

$$?-5=7$$

$$12-?=7$$

$$12-5=?$$

Name \_\_\_\_\_ Date \_\_\_\_\_

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<p>Nolan had 8 cupcakes. His brother ate 3 of his cupcakes. How many cupcakes does Nolan have now?</p> <p>Equation: _____</p>	<p>Mrs. Brown's class had 12 frogs. They earned some more frogs in the hallway on the way to lunch. Now they have 19 frogs. How many frogs did they earn in the hallway?</p> <p>Equation: _____</p>	<p>Kayla read 8 pages in her book in the morning. In the afternoon, she read 4 more pages. How many pages did she read in total?</p> <p>Equation: _____</p>
<p>Payton has some t-shirts. His dad bought him 5 more t-shirts. Now he has 11 t-shirts. How many t-shirts did Payton already have?</p> <p>Equation: _____</p>	<p>Mrs. Carter had some boxes of crayons. She gave 5 of them to her students. Now she has 10 boxes of crayons. How many boxes did she already have?</p> <p>Equation: _____</p>	<p>Mrs. Davis drank some cups of water in the morning. Later, she drank 3 more cups of water. In total, she had 8 cups of water. How much water did Mrs. Davis drink in the morning?</p> <p>Equation: _____</p>
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