

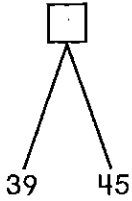
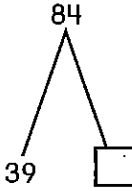
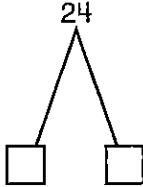
# Problem Types

Grade 2

	Result Unknown	Change Unknown	Start Unknown
<b>Add To</b>	<p>Aisha has 46 stamps in her collection. Then her grandfather gives her 29 stamps. How many stamps does she have now?</p> <p><i>Situation and Solution Equation<sup>1</sup>:</i>  <math>46 + 29 = \square</math></p>	<p>Aisha has 46 stamps in her collection. Then her grandfather gives her some stamps. Now she has 75 stamps. How many stamps did her grandfather give her?</p> <p><i>Situation Equation:</i>  <math>46 + \square = 75</math></p> <p><i>Solution Equation:</i>  <math>\square = 75 - 46</math></p>	<p>Aisha has some stamps in her collection. Then her grandfather gives her 29 stamps. Now she has 75 stamps. How many stamps did she have to start?</p> <p><i>Situation Equation:</i>  <math>\square + 29 = 75</math></p> <p><i>Solution Equation:</i>  <math>\square = 75 - 29</math></p>
<b>Take From</b>	<p>A store has 43 bottles of water at the start of the day. During the day, the store sells 25 bottles. How many bottles do they have at the end of the day?</p> <p><i>Situation and Solution Equation:</i>  <math>43 - 25 = \square</math></p>	<p>A store has 43 bottles of water at the start of the day. The store has 18 bottles left at the end of the day. How many bottles does the store sell?</p> <p><i>Situation Equation:</i>  <math>43 - \square = 18</math></p> <p><i>Solution Equation:</i>  <math>\square = 43 - 18</math></p>	<p>A store sells 25 bottles of water during one day. At the end of the day 18 bottles are left. How many bottles did the store have at the beginning of the day?</p> <p><i>Situation Equation:</i>  <math>\square - 25 = 18</math></p> <p><i>Solution Equation:</i>  <math>\square = 25 + 18</math></p>

<sup>1</sup>A situation equation represents the structure (action) in the problem situation. A solution equation shows the operation used to find the answer.

# Problem Types (continued)

	Total Unknown	Addend Unknown	Both Addends Unknown
<b>Put Together/ Take Apart</b>	<p>A clothing store has 39 shirts with short sleeves and 45 shirts with long sleeves. How many shirts does the store have in all?</p> <p><i>Math Drawing<sup>2</sup>:</i></p>  <p><i>Situation and Solution Equation:</i>  <math>39 + 45 = \square</math></p>	<p>Of the 84 shirts in a clothing store, 39 have short sleeves. The rest have long sleeves. How many shirts have long sleeves?</p> <p><i>Math Drawing:</i></p>  <p><i>Situation Equation:</i>  <math>84 = 39 + \square</math></p> <p><i>Solution Equation:</i>  <math>84 - 39 = \square</math></p>	<p>Pam has 24 roses. How many can she put in her red vase and how many in her blue vase?</p> <p><i>Math Drawing:</i></p>  <p><i>Situation Equation:</i>  <math>24 = \square + \square</math></p>

<sup>2</sup>These math drawings are called Math Mountains in Grades 1–3 and break-apart drawings in Grades 4 and 5.