

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

<p><b>1a.</b></p> <p><math>15 + 45 = \underline{\hspace{2cm}}</math></p>	<p><b>1b.</b></p> <p><math>\underline{\hspace{2cm}} = 36 + 47</math></p>	<p><b>1c.</b></p> <p><math>\underline{\hspace{2cm}} - 28 = 46</math></p>
<p><b>1d.</b></p> <p><math>67 - 52 = \underline{\hspace{2cm}}</math></p>	<p><b>1e.</b></p> <p><math>81 - \underline{\hspace{2cm}} = 52</math></p>	<p><b>1f.</b></p> <p><math>54 - \underline{\hspace{2cm}} = 37</math></p>
<p><b>1g.</b></p> <p><math>43 \xrightarrow{+1} \underline{\hspace{2cm}} \xrightarrow{+ \underline{\hspace{1cm}}} 54</math></p>	<p><b>1h.</b></p> <p><math>70 \xrightarrow{- \underline{\hspace{1cm}}} \underline{\hspace{2cm}} \xrightarrow{- \underline{\hspace{1cm}}} 59</math></p>	<p><b>1i.</b></p> <p><math>\underline{\hspace{2cm}} \xrightarrow{+10} \underline{\hspace{2cm}} \xrightarrow{+1} 43</math></p>

**2. Solve and show your work with a model.**

<p><b>2a.</b></p> <p><math>136 + 64 = \underline{\hspace{2cm}}</math></p> <p><b>Model:</b></p>	<p><b>2b.</b></p> <p><math>117 + 48 = \underline{\hspace{2cm}}</math></p> <p><b>Model:</b></p>
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<p><b>2c.</b></p> <p><math>94 - 39 =</math> _____</p> <p><b>Model:</b></p>	<p><b>2d.</b></p> <p><math>73 - 47 =</math> _____</p> <p><b>Model:</b></p>
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3. Label each as true or false. Use a place value strategy to show how you know.

3a.  $45 - 37 = 45 + 37$  \_\_\_\_\_

3b.  $55 - 29 = 32 + 4$  \_\_\_\_\_

3c.  $74 - 45 = 94 - 63$  \_\_\_\_\_

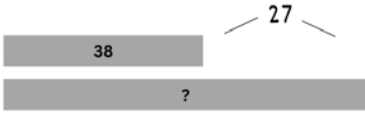
3d.  $6 \text{ ones} + 7 \text{ tens} = 67$  \_\_\_\_\_

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4. Alex solved the word problem below.

There are 38 mangos at the fruit stand.  
 There are 27 more apples than mangos.  
 How many apples are at the fruit stand?

$38 + 27$   
 $38 + 30 - 3 = 65$   
 There are 65 apples at the fruit stand.



4a. Explain why Alex's addition strategy worked.

4b. There are 14 fewer mangos than pears. How many pears are at the fruit stand?  
 Use another place value strategy to find the answer. Show your work.

