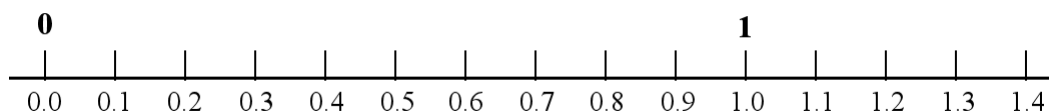


## Adding and Subtracting with Tenths

<p>You <i>already</i> know how to add or subtract decimals with tenths. They are just fractions with a denominator of 10.</p> <p>Compare these additions that are written with decimals or fractions.</p>	$0.1 + 0.5 = 0.6$ $\frac{1}{10} + \frac{5}{10} = \frac{6}{10}$	$8.4 - 2.3 = 6.1$ $8\frac{4}{10} - 2\frac{3}{10} = 6\frac{1}{10}$
<p>There is one tricky part though: <math>0.6 + 0.7</math> is <b><u>NOT</u></b> 0.13 !!</p> <p>To see why, add the fractions. Notice that six tenths and seven tenths makes more than one whole!</p>	$0.6 + 0.7 = 1.3$ $\frac{6}{10} + \frac{7}{10} = \frac{13}{10} = 1\frac{3}{10}$	$1.5 + 0.9 = 2.4$ $1\frac{5}{10} + \frac{9}{10} = 2\frac{4}{10}$

1. Write an addition *or* subtraction sentence for each “number line jump.”



- a. You are at 0.7, and you jump *five tenths* to the right. \_\_\_\_\_
- b. You are at 0.6, and you jump *eight tenths* to the right. \_\_\_\_\_
- c. You are at 1.1, and you jump *eight tenths* to the left. \_\_\_\_\_
- d. You are at 1.3, and you jump *four tenths* to the left. \_\_\_\_\_
- e. You are at 0.2, and you jump *eleven tenths* to the right. \_\_\_\_\_

2. Solve the fraction additions, and then write them using decimals.

<p>a. <math>\frac{2}{10} + \frac{7}{10} =</math></p> <p><math>0.2 +</math></p>	<p>b. <math>\frac{5}{10} + \frac{6}{10} =</math></p>	<p>c. <math>\frac{9}{10} + \frac{8}{10} =</math></p>
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3. Add and subtract.

<p><b>a.</b></p> <p><math>0.9 + 0.2 =</math> _____</p> <p><math>1.9 + 0.2 =</math> _____</p>	<p><b>b.</b></p> <p><math>0.5 + 0.7 =</math> _____</p> <p><math>3.5 + 0.7 =</math> _____</p>	<p><b>c.</b></p> <p><math>0.8 + 0.7 =</math> _____</p> <p><math>0.8 + 2.7 =</math> _____</p>	<p><b>d.</b></p> <p><math>1.8 - 0.9 =</math> _____</p> <p><math>5.8 - 0.9 =</math> _____</p>
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