

Content Standard	<p>MAFS.7.NS <i>The Number System</i></p> <p>MAFS.7.NS.1 <i>Apply and extend previous understanding of operations with fractions.</i></p> <p>MAFS.7.NS.1.3 Solve real-world and mathematical problems involving the four operations with rational numbers.</p>									
Assessment Limits	<p>Numbers in items must be rational numbers. Complex fractions may be used, but should contain fractions with single-digit numerators and denominators.</p>									
Calculator	Neutral									
Item Type	Equation Editor Multiple Choice Multiselect Table Item									
Context	Allowable									
Sample Item		Item Type								
<p>At 8: 00, the temperature was 6 degrees Celsius ($^{\circ}\text{C}$). Three hours later, the temperature was -13°C.</p> <p>By how many degrees Celsius did the temperature change?</p>		Equation Editor								
<p>The change in the price of a certain brand of cereal from 2010 to 2012 is shown in the table.</p> <table border="1" data-bbox="190 1272 531 1455"> <thead> <tr> <th>Year</th> <th>Change (in dollars)</th> </tr> </thead> <tbody> <tr> <td>2010</td> <td>+0.30</td> </tr> <tr> <td>2011</td> <td>+0.20</td> </tr> <tr> <td>2012</td> <td>-0.20</td> </tr> </tbody> </table> <p>In 2009 the price of cereal was \$3.69.</p> <p>What was the price of the cereal at the end of 2012?</p>		Year	Change (in dollars)	2010	+0.30	2011	+0.20	2012	-0.20	Equation Editor
Year	Change (in dollars)									
2010	+0.30									
2011	+0.20									
2012	-0.20									

Sample Item	Item Type														
<p style="text-align: right;">Table Item</p> <p>The total change in the price of a certain brand of cereal from 2008 to 2012 was $-\\$0.20$. Complete the table to show possible price changes in 2010 and 2012.</p> <table border="1" data-bbox="198 396 592 730"><thead><tr><th>Year</th><th>Change in Dollars</th></tr></thead><tbody><tr><td>2008</td><td>+0.20</td></tr><tr><td>2009</td><td>+0.30</td></tr><tr><td>2010</td><td><input type="text"/></td></tr><tr><td>2011</td><td>-0.20</td></tr><tr><td>2012</td><td><input type="text"/></td></tr><tr><td>Total</td><td>-0.20</td></tr></tbody></table>		Year	Change in Dollars	2008	+0.20	2009	+0.30	2010	<input type="text"/>	2011	-0.20	2012	<input type="text"/>	Total	-0.20
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