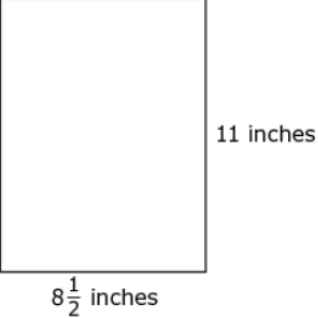


Content Standard	<p>MAFS.7.RP <i>Ratio and Proportional Relationships</i></p> <p>MAFS.7.RP.1 <i>Analyze proportional relationships and use them to solve real-world and mathematical problems.</i></p> <p>MAFS.7.RP.1.3 <i>Use proportional relationships to solve multistep ratio and percent problems. Examples: simple interest, tax, markups and markdowns, gratuities and commissions, fees, percent increase and decrease, percent error.</i></p>	
Assessment Limits	<p>Numbers in items must be rational numbers. Units may be the same or different across the two quantities.</p>	
Calculator	<p>Yes</p>	
Item Type	<p>Equation Editor GRID Matching Item Multiple Choice Multiselect Open Response Table Item</p>	
Context	<p>Allowable</p>	
Sample Item		Item Type
<p>Nicole bought a meal in a town that has no sales tax. She tips 20%.</p> <p>Select all meals Nicole could buy for less than \$15 total.</p> <ul style="list-style-type: none"> <input type="checkbox"/> \$12.36 <input type="checkbox"/> \$12.50 <input type="checkbox"/> \$13.00 <input type="checkbox"/> \$14.79 <input type="checkbox"/> \$14.99 		<p>Multiselect</p>
<p>James pays \$120.00 for golf clubs that are on sale for 20% off at Golf Pros. At Nine Iron, the same clubs cost \$8.00 less than they cost at Golf Pros. They are on sale for 13% off.</p> <p>What is the original cost of the clubs at Nine Iron?</p>		<p>Equation Editor</p>

Sample Item	Item Type												
Equation Editor													
<p>Ads Galore makes posters with standard dimensions of $8\frac{1}{2}$ inches by 11 inches as shown.</p>													
 <p>A diagram of a rectangle representing a poster. The vertical side on the right is labeled "11 inches". The horizontal side at the bottom is labeled "$8\frac{1}{2}$ inches".</p>													
<p>Both the length and width of the poster may vary by $\frac{1}{20}\%$, according to Ads Galore's regulations.</p>													
<p>What is the smallest acceptable area of one poster, rounded to the nearest thousandth of a square inch?</p>													
<input type="text"/>													
<div style="border: 1px solid #ccc; padding: 5px;"><div style="border-bottom: 1px solid #ccc; padding-bottom: 5px; margin-bottom: 5px;">← → ↶ ↷ ✖</div><table border="1" style="border-collapse: collapse; text-align: center;"><tbody><tr><td>1</td><td>2</td><td>3</td></tr><tr><td>4</td><td>5</td><td>6</td></tr><tr><td>7</td><td>8</td><td>9</td></tr><tr><td>0</td><td>.</td><td>-</td></tr></tbody></table></div>		1	2	3	4	5	6	7	8	9	0	.	-
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