

<p>Task Model 1</p> <p>DOK Levels 2, 3</p> <p>Target A: Apply mathematics to solve well-posed problems in pure mathematics and arising in everyday life, society, and the workplace.</p>	<p>Example Item 9 (Grade 7): Primary Target 2A (Content Domain RP), Secondary Target 1A (CCSS 7.RP.3), Tertiary Target 2D</p> <p>Luke buys a television that is on sale for 25% off the original price. The original price is \$120 more than the sale price. What is the original price of the television?</p> <p>Rubric: (1 point) The student enters the correct full price (e.g., 480).</p> <p>Response Type: Equation/Numeric</p> <p>Example Item 10 (Grade 7): Primary Target 2A (Content Domain RP), Secondary Target 1A (CCSS 7.RP.1), Tertiary Target 2C</p> <p>A bottle is $\frac{1}{2}$ full. It contains $\frac{1}{10}$ gallon of water.</p> <ul style="list-style-type: none"> • There are 16 cups in one gallon. <p>Enter the total number of cups it takes to completely fill the whole bottle.</p> <p>Rubric: (1 point) The student gives the volume of the bottle in cups (e.g., $3\frac{1}{5}$).</p> <p>Response Type: Equation/Numeric</p> <p>Example Item 11 (Grade 8): Primary Target 2A (Content Domain G), Secondary Target 1H (CCSS 8.G.7), Tertiary Target 1D</p> <p>Two sides of a right triangle have lengths $\sqrt{10}$ units and $\sqrt{6}$ units. There are two possible lengths for the third side.</p> <p>Enter the longest possible side length, in units, of this triangle.</p> <p>Rubric: (1 point) The student correctly enters the longest side of the triangle (e.g., 4).</p> <p>Response Type: Equation/Numeric</p>
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