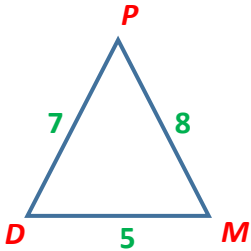


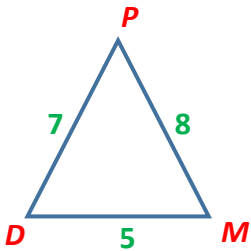
Geometry L7 Opener

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

<p>1. Circle the values if the side lengths could form a triangle. Cross out the ones that can't form a triangle.</p> <p>7, 7, 7      6, 3, 10</p> <p>8, 5, 6      4, 9, 5</p>	<p>2. A triangle has side lengths 12 and 20. Determine the range of values that are possible for the third side.</p>	<p>3.  Which is the largest angle?</p> <p>Which is the smallest angle?</p>
<p>4. Solve by factoring:</p> $2x^2 - x - 10 = 0$	<p>5. Solve using the quadratic formula:</p> $2x^2 - x - 10 = 0 \quad a = \underline{\quad} \quad b = \underline{\quad} \quad c = \underline{\quad}$ $x = \frac{-\underline{\quad} \pm \sqrt{(\underline{\quad})^2 - 4(\underline{\quad})(\underline{\quad})}}{2(\underline{\quad})}$ $x = \frac{\underline{\quad} \pm \sqrt{\underline{\quad} \quad \underline{\quad}}}{\underline{\quad}}$	

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