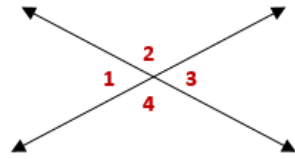


Geometry Lesson #2 Opener

Name: _____

<p>1) Identify the hypothesis (p) and the conclusion (q). If an animal is a turtle, then the animal is a reptile.</p> <p>Hypothesis (p): Conclusion (q):</p>	<p>2) Write a conditional statement. (If-then) A hypothesis (p) and a conclusion (q) are given. p: a figure is a square q: the figure is not a triangle</p>
<p>3) Write the statement in if-then form and state its truth value: Whales are mammals.</p> <p>If _____ then _____</p> <p>Write its converse and state its truth value.</p>	<p>4) Find the truth value of the given conditional statement. Conditional: If an angle measures 92°, then it is not acute. (True/False)</p> <p>Write its contrapositive and state its truth value:</p>
<p>5) Determine if each pair of angles are <u>supplementary</u> or <u>congruent</u>.</p> <p>a) $\angle 1$ and $\angle 2$ are _____ because they are a _____ pair.</p> <p>b) $\angle 1$ and $\angle 3$ are _____ because they are _____ angles.</p> <p>c) $\angle 2$ and $\angle 3$ are _____ because they are a _____ pair.</p> <p>d) $\angle 2$ and $\angle 4$ are _____ because they are _____ angles.</p> 	

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