

Forms of Statements

1. Using symbols, write the converse, contrapositive and inverse of $x \rightarrow y$.
2. Which statement, the converse, contrapositive or inverse is logically equivalent to the original conditional.

Write the converse and contrapositive of the following statement.

3. If 2 angles are not congruent, then they do not have the same measure.
4. If the measure of an angle is not 90° , then it is not a right angle
5. If the sky is blue, then its not going to rain.
6. If the sidewalks are wet, then it rained outside.
7. If it snows, we will stay inside.
8. If the angles are vertical, then they are congruent.
9. In a plane, if 2 lines are parallel to a third line. Then they ae parallel to each other.
10. In a triangle, if $a^2 + b^2 = c^2$, then $\triangle ABC$ is a right triangle.