

Name _____

Date _____

Related Conditional: converse, inverse, contra- positive- Step-by-Step Lesson

Write the converse of the given sentence.

If $x^2 = 64$, then $x = 8$.



Explanation:

Step 1) First we have to what is being asked. A converse of a statement basically swaps the hypothesis and the conclusion of the statement. Let's identify the hypothesis and conclusion of the statement.

If $x^2 = 64$, then $x = 8$.

Hypothesis conclusion

Step 2) As we know, when we flip the conditional statement around (the hypothesis becomes the conclusion and the conclusion becomes the hypothesis).

Step 3) After interchange of the hypothesis and the conclusion. The converse will be:

If $x = 8$, then $x^2 = 64$.

