

2.2 Homework/Lesson Quiz

Conditional Statements

Match the correct term to complete each sentence.

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| 1. A conditional statement is a statement that can be written in the form “ _____ p , _____ q .” | hypothesis |
| 2. The _____ is the part p of a conditional statement following the word <i>if</i> . | converse |
| 3. The _____ is the part q of a conditional statement following the word <i>then</i> . | conclusion |
| 4. The _____ is the statement formed by negating the hypothesis and the conclusion. | if |
| 5. The _____ is the statement formed by exchanging the hypothesis and the conclusion. | then |
| 6. The contrapositive is the statement formed by both _____ and _____ the hypothesis and the conclusion. | inverse |
| | negating |
| | exchanging |

Give the hypothesis and conclusion of the conditional statements.

7. If it is a bicycle, then it has two wheels.

Use the statement from number 7 to write the converse, inverse and the contrapositive.

8. Converse:

9. Inverse:

10. Contrapositive:

Rewrite the following statement as a conditional.

11. Cows moo.