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| VocabularyEx. 1 Rewriting in If-then FormEx. 2 Inverse, Converse, ContrapositiveCheckpointPoints, Lines, and PlanesEx. 3 Using Postulates and Counterexamples | Conditional Statement - If-then Form (Hypothesis, Conclusion) – Converse - Negation (~) – Inverse – Contrapositive – Equivalent Statements - Rewrite the conditional statement in if-then form.1. Three points are coplanar if they lie on the same plane.
2. Water freezes at temperatures below 32°F.
3. An even number is divisible by 2.

Write the Inverse, Converse, and Contrapositive of the following statement: *If the sun is shining, then we are not watching TV.*Inverse:Converse:Contrapositive:Write the Inverse, Converse, and Contrapositive of the following statement: *If my allowance increases, then I can save more money.*Inverse:Converse:Contrapositive:Decide whether the statement is TRUE or FALSE. If FALSE, give a counterexample.1. A point can lie on more than two lines.
2. Three lines can intersect at no more than three distinct points.
3. If two lines are coplanar, then they intersect.

Note: A Counterexample could be a definition, math fact, picture, or anything else that can show a statement is FALSE. |