Task card 1 Conditional Statements: Converse,...

Conditional: If a triangle is equilateral, then it is isosceles. Is the statement "If a triangle is not isosceles, then it is not equilateral." its converse, inverse, or contrapositive?

Task card 2 Conditional Statements: Converse,...

Conditional: If a quadrilateral is a rhombus, then it is a square. Its inverse is "If a quadrilateral is not a rhombus, then it is not a square." Is the inverse true or false?

Task card 3 Conditional Statements: Converse,...

Conditional: If a polygon is a triangle, then it has exactly three sides. Is the statement "If a polygon has exactly three sides, then it is a triangle." its converse, inverse, or contrapositive?

Task card 4 Conditional Statements: Converse,...

Conditional: If M is the midpoint of segment AB, then AM = MB. Its contrapositive is "If AM ≠ MB, then M is not the midpoint of segment AB." Is the contrapositive true or false?

Task card 5 Conditional Statements: Converse,...

Is this conditional true or false? If a triangle is equilateral, then it is isosceles.

Task card 6 Conditional Statements: Converse,...

Conditional: If two angles form a linear pair, then they are supplementary. Is the statement "If two angles do not form a linear pair, then they are not supplementary." its converse, inverse, or contrapositive?

Task card 7 Conditional Statements: Converse,...

Conditional: If a number is even, then it is divisible by 4. Its converse is "If a number is divisible by 4, then it is even." Is the converse true or false?

Task card 8 Conditional Statements: Converse,...

Is this conditional true or false? If a polygon is a triangle, then it has exactly three sides.

Task card 9 Conditional Statements: Converse,...

Conditional: If two angles form a linear pair, then they are supplementary. Is the statement "If two angles are supplementary, then they form a linear pair." its converse, inverse, or contrapositive?

Task card 10 Conditional Statements: Converse,...

Conditional: If M is the midpoint of segment AB, then AM = MB. Its inverse is "If M is not the midpoint of segment AB, then AM ≠ MB." Is the inverse true or false?

Task card 11 Conditional Statements: Converse,...

Conditional: If a polygon has five sides, then it is a pentagon. Is the statement "If a polygon is not a pentagon, then it does not have five sides." its converse, inverse, or contrapositive?

Task card 12 Conditional Statements: Converse,...

Conditional: If two lines are perpendicular, then they intersect to form right angles. Its contrapositive is "If two lines do not intersect to form right angles, then they are not perpendicular." Is the contrapositive true or false?

Task card 13 Conditional Statements: Converse,...

Is this conditional true or false? If two angles form a linear pair, then they are supplementary.

Task card 14 Conditional Statements: Converse,...

Conditional: If a triangle is equilateral, then it is isosceles. Its inverse is "If a triangle is not equilateral, then it is not isosceles." Is the inverse true or false?

Task card 15 Conditional Statements: Converse,...

Conditional: If two angles are complementary, then they are both acute. Is the statement "If two angles are both acute, then they are complementary." its converse, inverse, or contrapositive?

Task card 16 Conditional Statements: Converse,...

Conditional: If an angle is a right angle, then it measures 90°. Write its inverse. Is the inverse true or false?

Task card 17 Conditional Statements: Converse,...

Conditional: If two lines are perpendicular, then they intersect to form right angles. Its converse is "If two lines intersect to form right angles, then they are perpendicular." Is the converse true or false?

Task card 18 Conditional Statements: Converse,...

Conditional: If a polygon is a triangle, then it has exactly three sides. Is the statement "If a polygon does not have exactly three sides, then it is not a triangle." its converse, inverse, or contrapositive?

Task card 19 Conditional Statements: Converse,...

Conditional: If an angle measures 30°, then it is acute. Write its contrapositive. Is the contrapositive true or false?

Task card 20 Conditional Statements: Converse,...

Is this conditional true or false? If a quadrilateral is a rhombus, then it is a square.

Task card 21 Conditional Statements: Converse,...

Conditional: If two lines are perpendicular, then they intersect to form right angles. Write its inverse. Is the inverse true or false?

Task card 22 Conditional Statements: Converse,...

Conditional: If a number is even, then it is divisible by 4. Is the statement "If a number is not divisible by 4, then it is not even." its converse, inverse, or contrapositive?

Task card 23 Conditional Statements: Converse,...

Conditional: If $x > 3$, then $x > 5$. Is the statement "If $x \leq 5$, then $x \leq 3$." its converse, inverse, or contrapositive?

Task card 24 Conditional Statements: Converse,...

Conditional: If two angles are vertical angles, then they are congruent. Its converse is "If two angles are congruent, then they are vertical angles." Is the converse true or false?

Conditional Statements: Converse, Inverse & Contrapositive Task Cards

Recording sheet · Grade 10 · Answer with true or false, yes or no, or the name converse, inverse or contrapositive.

Scan to check your answers

Name: _____ Date: _____

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24

Conditional Statements: Converse, Inverse & Contrapositive Task Cards: Answer Key

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The answers online

1. contrapositive	**2.** true	**3.** converse
4. true	**5.** true	**6.** inverse
7. true	**8.** true	**9.** converse
10. false	**11.** contrapositive	**12.** true
13. true	**14.** false	**15.** converse
16. true	**17.** true	**18.** contrapositive
19. true	**20.** false	**21.** true
22. contrapositive	**23.** contrapositive	**24.** false