Task card 1 Conditional Statements: Converse,...

Conditional: If two angles are supplementary, then they form a linear pair. Write its inverse. Is the inverse true or false?

Task card 2 Conditional Statements: Converse,...

Conditional: If a triangle is equilateral, then it is isosceles. Is the statement "If a triangle is isosceles, then it is equilateral." its converse, inverse, or contrapositive?

Task card 3 Conditional Statements: Converse,...

Conditional: If two angles are supplementary, then they form a linear pair. Can it be combined with its converse to form a true biconditional (an "if and only if" statement)? Answer yes or no.

Task card 4 Conditional Statements: Converse,...

Conditional: If a quadrilateral is a rhombus, then it is a square. Write its converse. Is the converse true or false?

Task card 5 Conditional Statements: Converse,...

Conditional: If a quadrilateral is a rhombus, then it is a square. Is the statement "If a quadrilateral is not a square, then it is not a rhombus." its converse, inverse, or contrapositive?

Task card 6 Conditional Statements: Converse,...

Conditional: If a quadrilateral is a square, then it is a rectangle. Write its contrapositive. Is the contrapositive true or false?

Task card 7 Conditional Statements: Converse,...

Conditional: If an angle measures 30°, then it is acute. Can it be combined with its converse to form a true biconditional (an "if and only if" statement)? Answer yes or no.

Task card 8 Conditional Statements: Converse,...

Conditional: If a polygon has five sides, then it is a pentagon. Write its contrapositive. Is the contrapositive true or false?

Task card 9 Conditional Statements: Converse,...

Conditional: If two angles form a linear pair, then they are supplementary. Write its contrapositive. Is the contrapositive true or false?

Task card 10 Conditional Statements: Converse,...

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

Task card 11 Conditional Statements: Converse,...

Conditional: If a number is even, then it is divisible by 4. Can it be combined with its converse to form a true biconditional (an "if and only if" statement)? Answer yes or no.

Task card 12 Conditional Statements: Converse,...

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

Task card 13 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 14 Conditional Statements: Converse,...

Conditional: If M is the midpoint of segment AB, then AM = MB. Write its inverse. Is the inverse true or false?

Task card 15 Conditional Statements: Converse,...

Conditional: If a quadrilateral is a rhombus, then it is a square. Write its inverse. Is the inverse true or false?

Task card 16 Conditional Statements: Converse,...

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

Task card 17 Conditional Statements: Converse,...

Conditional: If a quadrilateral is a square, then it is a rectangle. Write its converse. Is the converse true or false?

Task card 18 Conditional Statements: Converse,...

Conditional: If two angles are vertical angles, then they are congruent. Is the statement "If two angles are not vertical angles, then they are not congruent." its converse, inverse, or contrapositive?

Task card 19 Conditional Statements: Converse,...

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

Task card 20 Conditional Statements: Converse,...

Conditional: If two lines are perpendicular, then they intersect to form right angles. Can it be combined with its converse to form a true biconditional (an "if and only if" statement)? Answer yes or no.

Task card 21 Conditional Statements: Converse,...

Conditional: If a quadrilateral is a square, then it is a rectangle. Write its inverse. Is the inverse true or false?

Task card 22 Conditional Statements: Converse,...

Conditional: If a figure is a rectangle, then it has four sides. Write its inverse. Is the inverse true or false?

Task card 23 Conditional Statements: Converse,...

Conditional: If a figure is a rectangle, then it has four sides. Is the statement "If a figure has four sides, then it is a rectangle." its converse, inverse, or contrapositive?

Task card 24 Conditional Statements: Converse,...

Conditional: If two angles form a linear pair, then they are supplementary. Can it be combined with its converse to form a true biconditional (an "if and only if" statement)? Answer yes or no.

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

Grade 10 · Hard

The answers online

1. true	**2.** converse	**3.** no
4. true	**5.** contrapositive	**6.** true
7. no	**8.** true	**9.** true
10. contrapositive	**11.** no	**12.** false
13. converse	**14.** false	**15.** true
16. converse	**17.** false	**18.** inverse
19. true	**20.** yes	**21.** false
22. false	**23.** converse	**24.** no