

Geometry Chapter 2 Practice Test Answer Key

1. Conditional: If two angles are supplementary, then they have a sum of 180 degrees.
Converse: If two angles have a sum of 180 degrees, then they are supplementary

2. Conditional: True
Converse: False



3. The sum of the measures of angle P and angle Q is 90.
4. We will get detention
5. Subtraction property of equality
6. $x = 15$
7. Noncollinear
8. Plane: Some correct answers are PSQR, PSQ, PQR, QRSP, etc...
Line: PQ or QP (don't forget the symbol for line above the name!)
9. 52°
10. 29°
11. If $x^2 = 81$, then $x = 9$
False; x could be -9
12. a. Segment Addition Postulate
b. Substitution
c. Simplify
d. Subtraction Property of Equality
e. Division Property of Equality
13. a. Angle Addition Postulate
b. Substitution
c. Simplify
d. Subtraction Property of Equality
e. Division Property of Equality
14. Transitive Property of Congruence
15. $BD = 9$ (make sure you use absolute value!!)
16. $x = 21$; $ST = 63$
17. Hypothesis: Two lines intersect at right angles
Conclusion: The two lines are perpendicular
18. Conditional: If a figure is a polygon, then it has three or more sides.
Converse: If a figure has three or more sides, then it is a polygon
Both are true; it is a good definition
19. Statements:
1. Angle 1 and Angle 2 are complimentary
2. $m1 + m2 = 90$
3. Angle 2 and Angle 3 are complimentary
4. $m2 + m3 = 90$
5. $m1 + m2 = m2 + m3$
6. $m1 = m3$

1. Given
2. Definition of Complimentary Angles
3. Given
4. Definition of Complimentary Angles
5. Substitution
6. Subtraction Property of Equality

Geometry Chapter 2 Test Answers

**Agricultural and Mechanical College of
Alabama**



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Geometry Chapter 2 Test Answers Book Review: Unveiling the Magic of Language

In a digital era where connections and knowledge reign supreme, the enchanting power of language has become more apparent than ever. Its capability to stir emotions, provoke thought, and instigate transformation is truly remarkable. This extraordinary book, aptly titled "**Geometry Chapter 2 Test Answers**," published by a highly acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound impact on our existence. Throughout this critique, we will delve into the book's central themes, evaluate its unique writing style, and assess its overall influence on its readership.

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