

Geometry Honors Chapter 1 Test A

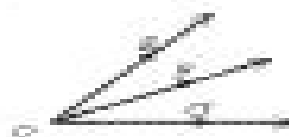
****Be very clear with all your responses and use academic language and support your answers with definitions, theorems, postulates, and geometry concepts ** WRITE ALL ANSWERS ON ANSWER SHEET PROVIDED!**

Multiple Choice

Identify the choice that best completes the statement or answers the question.

1. Find a counterexample to show that the conjecture is false.
 Conjecture: The product of two positive numbers is greater than the sum of the two numbers.
 A. 3 and 3
 B. 2 and 2
 C. A counterexample exists, but it is not shown above.
 D. There is no counterexample. The conjecture is true.

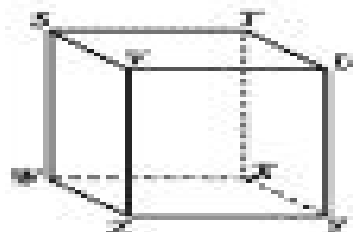
2. If $m\angle PCP' = 20$ and $m\angle PCQ = 30$, then what is the measure of $\angle PCQ'$? The diagram is not to scale.



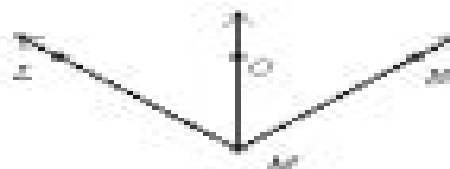
- A. 84
 B. 52
 C. 50
 D. 76

Short Answer

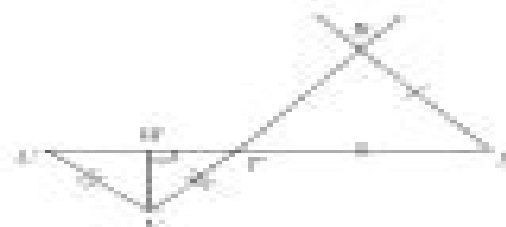
3. a) What is the intersection of plane $SCRP$ and plane $STVQ$?
 b) Name a pair of parallel segments.
 c) Name a pair of perpendicular segments.
 d) Name a pair of skew lines.



4. $\overleftrightarrow{AC}$ bisects $\angle BAC$, $m\angle BAO = 7x - 34$, and $m\angle CAD = 2x + 31$. Solve for x and find $m\angle CAD$. The diagram is not to scale.



5. What can you conclude from the information in the diagram (in other words, name all possible congruences and relationships)?



Geometry Chapter 1 Test Answers

Kathleen Armour



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In an electronic digital era where connections and knowledge reign supreme, the enchanting power of language has become apparent than ever. Its power to stir emotions, provoke thought, and instigate transformation is truly remarkable. This extraordinary book, aptly titled "**Geometry Chapter 1 Test Answers**," published by a highly acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound effect on our existence. Throughout this critique, we will delve to the book's central themes, evaluate its unique writing style, and assess its overall influence on its readership.

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