

Unit 1 Test Study Guide (Geometry Basics)

Name: _____
Date: _____ Per: _____

Topic 1: Points, Lines & Planes

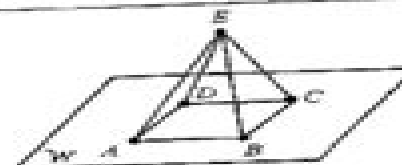
Use the diagram to the right to answer questions 1-4.

1. Name two points collinear to point K . _____
2. Give another name for line k . _____
3. Name the intersection of line c and plane R . _____
4. Name a point non-coplanar to plane R . _____



Use the diagram to the right to answer questions 5-8.

5. How many planes are shown in the figure? _____
6. Give another name for plane W . _____
7. Name the intersection of plane ADE and plane W . _____
8. Name a point non-collinear to points A and B . _____



Topic 2: Segment Addition Postulate

9. If $DF = 42$, find DE .

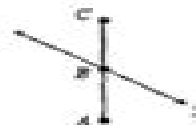


10. In the diagram below, if $JL = 10x - 2$, $JK = 5x - 8$, and $KL = 7x - 12$, find KI .

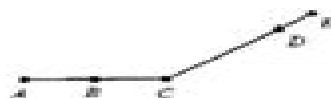


11. If S is the midpoint of RT , $RS = 5x + 17$, and $ST = 8x - 31$, find KS .

12. If line y bisects AC , $AB = 4 - 5x$, and $BC = 2x + 25$, find AC .



13. If B is the midpoint of AC , $AC = CD$, $AB = 3x + 4$, $AC = 11x - 17$, and $CE = 49$, find DE .



Answer On Semester 1 Unit 4 Test Geometry Apex

Julia Schneider



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