Study Guide #3

Lessons Covered: #9 Proofs with Segments, #10 Angle Addition Postulate, #11 Constructing Angles, #12 Angle Relationships



Solve each for x

3. D is interior to <ABC. m<ABC = 30,

4. H is interior to <EFG. m<EFH = 7x - 3, m < ABD = x + 10, m < DBC = 2x - 1. Solve for x. m < HFG = 4x - 4, m < EFG = 9x + 3. Solve for x.

- 5. M is interior to $\langle JKL | m \langle JKL = 6x 16$, 6. ST bisects $\langle RSU | m \langle RSU = 6x + 4$. m < JKM = 3x + 8, m < MKL = x - 2. Solve for x
- m < RST = 5x 2. Solve for x

Construct a line segment for each

	7. 75°	8. 135°		9. 90°
-	10. 40°	11. 110°		12. 60°
	Draw an example of each			
	13. Adjacent Angles:		14. Complementary Angle:	
	15. Supplementary Angles:		16. Linear Angles:	
	17. Vertical Angles:		18. Perpendicular Angles:	

There will be 5 review questions from Study Guides 1&2