

Geometry Unit 10 Review Answers

1. 45°
2. 55°
3. 86°
4. A, C, and E
5. $UV = 13$
6. $x = 3$
7. $x = 10, y = 9, \text{SUM} = 19$
8. $x = 30, y = 6, \text{SUM} = 36$
9. $x = 40, y = 8, \text{SUM} = 48$
10. $RP = 22$
11. $m\angle UVS = 136^\circ$
12. $RS = 12$
13. $TS = 4x + 47$
14.
 - a. 90°
 - b. 45°
 - c. 7.778
 - d. 15.556
15.
 - a. 8
 - b. 90°
 - c. 30
 - d. 90°
 - e. 116°
 - f. 32°
16.
 - a. 38°
 - b. 76°
 - c. 25
 - d. 12.5
17. Rectangle
18. Rhombus
19. Rhombus
20. $x = -7, y = 12$
21. $x = 8, y = 9.5$
22. $AH = 11.314, m\angle MAS = 45, \text{SUM} = 56.314$
23. $LM = 13, m\angle PDL = 136, \text{SUM} = 149$