

## Geometry Unit 6.1-6.2 Review Worksheet Answers

1.  $X = 60$ , Equiangular and Equilateral
2.  $X = 30$ , Right Scalene
3.  $X = 134$ , Isosceles and Acute
4. Obtuse Scalene
5. Obtuse Scalene
6.  $AB = 5$ ,  $BC = 4\sqrt{2}$ ,  $AC = 4$ ; Isosceles
7.  $AB = 2\sqrt{5}$ ,  $BC = 5\sqrt{2}$ ,  $AC = 5\sqrt{2}$ ; Isosceles
8. A
9. D
10. C
11. A and C
12. Construction
13. Construction
14. Construction
15.  $x = -6$
16.  $x = -10$
17.  $x = 14.5$ ,  $y = 27$
18. D and E
19. Perp. bisector  $y = -2x - 4$ , Midpoint  $(-4, 4)$
20.  $XY = 56$
21.  $x = 2$ ,  $m\angle XAB = 37^\circ$