

Trig Chapter 6 Practice Test 2 ANSWERS

1. $y = -|x-1|+1$

2. $y = \sqrt{x+2}-2$

3. $y = -(x-2)^2-1$

4. $y = 3|x-1|-4$

5. $y = \pm\sqrt{x+2}+1$

6. $y = (x+1)^2-1$

7. $y = |x+1|-3$

8. $y = -\sqrt{x+3}+3$

9. $y = |x+1|-3$

10. $x > 7$ or $x < -9$

11. $x > 7$ or $x < -4$

12. $-1\frac{1}{3} < x < 2$

13. Absolute value is never less than -4. Therefore, no solution.

14. H: $y = 0$ V: $x = 5$ or $x = -2$

15. Hole: None

Slant: $y = x + 5$

16. H: $y = \frac{1}{2}$ V: $x = 0$

17. Hole: $x = -6$

Slant: None

18. H: None V: $x = 4$

19. Hole: None

Slant: $y = x + 10$

20. H: $y = 0$ V: $x = \pm 2$

21. Hole: $x = -2$

Slant: None