

Chapter 1 Quiz Review 2

Name _____

Solve.

1. $-4(2-x)-3=6+3(2x+1)$

2. $-\frac{1}{7}x-4=3$

3. $\frac{2}{3}x+\frac{1}{3}=\frac{3}{4}x-\frac{1}{4}$

4. $|-3x+8|=17$

5. $|4x-1|+3=7$

6. $4|x+7|+4=-16$

7. $4|3x-1|+4=12$

Solve the quadratic equation by factoring.

8. $x^2-20x=-96$

9. $-2x-40=-3x^2$

Solve the quadratic equation using square roots.

10. $2(x-7)^2+67=3$

11. $5x^2-120=0$

Solve the quadratic equation using the quadratic formula.

12. $5x^2 - 4x = -32$

13. $x^2 - 18 = 8x$

Solve the quadratic equation using any method.

14. $x^2 - 13x + 52 = 12$

15. $x^2 + 6x - 21 = 0$

16. $5(x+3)^2 + 54 = 4$

17. $2x^2 - 21 = -x$

Application Problems on pg. 106 # 86, & 88