SM3 1.5 odd answers

1. must square first

$x = 24$

3. divide by 2

$x = 3\frac{1}{2},\ 2\frac{1}{2}$

5. $x = \pm 9$

7. $x = 5, -7$

9. $x = 2$

11. $x = 6$

13. $x = 10, -8$

15. $x = \pm 8$

17. $\pm\sqrt[4]{5}$

19. $x = -1$

21. $r = \sqrt[3]{\dfrac{3V}{\pi h}}$

23. $b = \pm\sqrt{k^2 + 4ac}$

25. s = length of the side of a square room, $s = $ 12 feet

27. $h(x) = 2x^2 - 2$

29. $h(x) = x^4 - 4x^2 + 1$