

ANSWER PRESENTATION TOOL

Algebra 1 - Student Edit

7

6 - Exercises

3-31 odd, 3

ALL EVEN

Show Sol

ODD

$$3. 3(x - 1)(x + 2)$$

$$5. 4(k + 3)(k + 4)$$

$$7. 7(b - 4)(b - 5)$$

$$9. (3h + 2)(h + 3)$$

$$11. (2x - 1)(3x - 1)$$

$$13. (n + 2)(3n - 1)$$

$$15. 2(g - 2)(4g + 3)$$

$$17. -(t - 3)(3t - 2)$$

$$19. -(c - 5)(4c + 1)$$

$$21. -(3w - 4)(5w + 7)$$

23. need to factor 2 out of every term;
 $= 2(x^2 - x - 12) = 2(x + 3)(x - 4)$

25. $x = -2, x = 3$

27. $n = -\frac{5}{3}, n = \frac{3}{4}$

29. $x = -\frac{7}{2}, x = 5$

31. $x = -1, x = \frac{5}{7}$

33. a. $(5x - 2)$ ft

b. Substitute 3 for x into the expression for the area $15x^2 - x - 2$, then simplify; Substitute 3 for x into the expressions for the length $(5x - 2)$ and width $(3x + 1)$, simplify each, then multiply these two numbers.

35. length: 70 m, width: 31 m