

Answer Key

Practice B

- $(x + 4)(x^2 - 4x + 16)$
- $(x + 6)(x^2 - 6x + 36)$
- $(x - 10)(x^2 + 10x + 100)$
- $(x - 7)(x^2 + 7x + 49)$
- $(2x - 1)(4x^2 + 2x + 1)$
- $(2x - 5)(4x^2 + 10x + 25)$
- $(3x - 2)(9x^2 + 6x + 4)$
- $(2x + 10)(4x^2 - 20x + 100)$
- $(3x + 8)(9x^2 - 24x + 64)$
- $(4x + 3)(16x^2 - 12x + 9)$
- $(10x - 1)(100x^2 + 10x + 1)$
- $(5x + 4)(25x^2 - 20x + 16)$
- $(x - 3)(x^2 + 5)$
- $(x - 4)(x^2 + 2)$
- $(x + 2)(x^2 + 7)$
- $(x - 4)(3x^2 + 2)$
- $(x + 1)(5x^2 + 1)$
- $(x - 6)(2x^2 + 5)$
- $(x - 2)^2(x + 2)$
- $(x - 5)(x - 3)(x + 3)$
- $(x + 1)(x - 4)(x + 4)$
- $(x - 1)(2x - 3)(2x + 3)$
- $(x - 3)(4x - 1)(4x + 1)$
- $(x + 2)(3x - 2)(3x + 2)$
- $(2x - 3)(2x + 3)(4x^2 + 9)$
- $(x^2 - 3)(x^2 + 3)$
- $(x^2 + 3)(x^2 + 2)$
- $(x^2 + 3)(x^2 - 2)$
- $(x^2 - 3)(x^2 + 8)$
- $(x^2 - 5)(x^2 - 2)$
- $2x^2(x - 10)(x + 10)$
- $2x^2(2x - 3)(2x + 3)$
- $3x^2(3x - 1)(3x + 1)$
- $3(x - 1)(x + 1)(x^2 + 1)$
- $2(x^2 + 2)(x^2 + 6)$
- $-(x^2 + 7)(x^2 + 3)$
- $-6, -2, 2$
- 2
- $-\frac{3}{2}$
- $\frac{1}{3}$
- -7
- $-3, 3, 5$
- $-2, 2$
- No real solutions
- $-3, -1, 1, 3$
- $-\sqrt{5}, \sqrt{5}$
- $-\sqrt{6}, -2, 2, \sqrt{6}$
- $-2\sqrt{2}, -\sqrt{2}, \sqrt{2}, 2\sqrt{2}$
- 750 ft^3
- $x^3 - 15x^2 + 50x = 750$
- 15
- 10 ft by 15 ft by 5 ft