

Quadratic Equation - Standard Form

Express the given equation in standard form ($ax^2 + bx + c = 0$). Identify the values of a, b and c.

1) $\frac{6}{5} + 6x(-3x) = -\frac{9}{5} + 4x$

2) $2 = \frac{x^2 + 20x + 1}{x + 9}$

a = _____, b = _____, c = _____

a = _____, b = _____, c = _____

3) $0.5x(4x - 16) + 3.2 = \dots$

2

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a = _____, b = _____

b = _____, c = _____

5) $\frac{1}{6x - 4} = \frac{2}{3}(-x + 7)$

-5.2

a = _____, b = _____

b = _____, c = _____

7) $7x(2x - 4) = 11$

8) $(5x + 4\sqrt{2})^2 = 40\sqrt{2}x$

a = _____, b = _____, c = _____

a = _____, b = _____, c = _____