

Must show all steps and all work to earn full credit.

Use the square root property to solve the equation.

$$1) (x - 10)^2 = 16$$

Use the square root property to solve the equation.

$$2) (2s + 7)^2 = -36$$

Find the term that should be added to the expression to form a perfect square trinomial. Write the resulting perfect square trinomial in factored form.

$$3) x^2 - \frac{2}{5}x +$$

Solve the equation by completing the square.

$$4) x^2 - 4x + 20 = 0$$

Solve the equation by completing the square.

$$5) 3x^2 - 6x - 9 = 0$$