

Student Name: \_\_\_\_\_

Score: \_\_\_\_\_

**Solve by Factoring**

Solve the quadratic equations using the method of factoring:

$$3x^2 + 10x + 7 = 0$$

$$2x^2 - 9x + 9 = 0$$

$$5x^2 + 8x - 4 = 0$$

$$3x^2 - 11x + 10 = 0$$

$$6x^2 - 13x - 5 = 0$$

$$4x^2 + 5x - 6 = 0$$

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## Answers

$$3x^2 + 10x + 7 = 0$$

$$x = -\frac{7}{3} \text{ or } -1$$

$$2x^2 - 9x + 9 = 0$$

$$x = 3 \text{ or } \frac{3}{2}$$

$$5x^2 + 8x - 4 = 0$$

$$x = -2 \text{ or } \frac{2}{5}$$

$$3x^2 - 11x + 10 = 0$$

$$x = \frac{5}{3} \text{ or } 2$$

$$6x^2 - 13x - 5 = 0$$

$$x = \frac{5}{2} \text{ or } -\frac{1}{3}$$

$$4x^2 + 5x - 6 = 0$$

$$x = -2 \text{ or } \frac{3}{4}$$