



## 二次多项式因式分解

姓名: \_\_\_\_\_

日期: \_\_\_\_\_ 分数: \_\_\_\_\_

$$7x^2 + 91x + 252$$

$$7x^2 + 28x - 147$$

$$7x^2 + 14x - 56$$

$$3x^2 - 36x + 96$$

$$4x^2 - 16x - 180$$

$$7x^2 - 42x + 35$$

$$7x^2 + 70x + 168$$

$$3x^2 + 12x - 36$$

$$2x^2 - 22x + 60$$

$$3x^2 + 24x + 21$$



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$$7x^2 + 91x + 252$$
$$7(x + 9)(x + 4)$$

$$7x^2 + 28x - 147$$
$$7(x - 3)(x + 7)$$

$$7x^2 + 14x - 56$$
$$7(x + 4)(x - 2)$$

$$3x^2 - 36x + 96$$
$$3(x - 4)(x - 8)$$

$$4x^2 - 16x - 180$$
$$4(x + 5)(x - 9)$$

$$7x^2 - 42x + 35$$
$$7(x - 1)(x - 5)$$

$$7x^2 + 70x + 168$$
$$7(x + 6)(x + 4)$$

$$3x^2 + 12x - 36$$
$$3(x + 6)(x - 2)$$

$$2x^2 - 22x + 60$$
$$2(x - 6)(x - 5)$$

$$3x^2 + 24x + 21$$
$$3(x + 1)(x + 7)$$