

## 二次多项式因式分解

姓名: \_\_\_\_\_

日期: \_\_\_\_\_ 分数: \_\_\_\_\_

$$4x^2 - 23x + 15$$

$$2x^2 + 24x + 54$$

$$4x^2 - 16x + 16$$

$$4x^2 + 20x - 96$$

$$5x^2 - 40x + 75$$

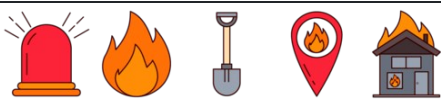
$$6x^2 + 35x - 49$$

$$x^2 - 81$$

$$x^2 - 14x + 45$$

$$x^2 - 6x - 7$$

$$7x^2 + 6x - 16$$



姓名: \_\_\_\_\_

日期: \_\_\_\_\_ 分数: \_\_\_\_\_

$$4x^2 - 23x + 15$$
$$(4x - 3)(x - 5)$$

$$2x^2 + 24x + 54$$
$$2(x + 9)(x + 3)$$

$$4x^2 - 16x + 16$$
$$4(x - 2)(x - 2)$$

$$4x^2 + 20x - 96$$
$$4(x - 3)(x + 8)$$

$$5x^2 - 40x + 75$$
$$5(x - 3)(x - 5)$$

$$6x^2 + 35x - 49$$
$$(6x - 7)(x + 7)$$

$$x^2 - 81$$
$$(x + 9)(x - 9)$$

$$x^2 - 14x + 45$$
$$(x - 9)(x - 5)$$

$$x^2 - 6x - 7$$
$$(x + 1)(x - 7)$$

$$7x^2 + 6x - 16$$
$$(7x - 8)(x + 2)$$