



## 三次多項式因式分解

姓名: \_\_\_\_\_

日期: \_\_\_\_\_ 分數: \_\_\_\_\_

$$56x^3 - 391x^2 - 961x - 504$$

$$5x^2 + 25x$$

$$20x^3 - 49x^2 + 36$$

$$6x^3 + 17x^2 - 59x + 30$$

$$x^3 - 8x^2 - 3x - 54$$

$$4x^2 - 16x$$

$$x^3 + 10x^2 - 11x - 180$$

$$9x^2 - 81x$$

$$63x^3 + 380x^2 + 576x + 256$$

$$6x^2 + 36x$$



姓名: \_\_\_\_\_

日期: \_\_\_\_\_ 分數: \_\_\_\_\_

$$56x^3 - 391x^2 - 961x - 504$$
$$(7x + 8)(x - 9)(8x + 7)$$

$$5x^2 + 25x$$
$$5x(x + 5)$$

$$20x^3 - 49x^2 + 36$$
$$(4x + 3)(x - 2)(5x - 6)$$

$$6x^3 + 17x^2 - 59x + 30$$
$$(3x - 2)(x + 5)(2x - 3)$$

$$x^3 - 8x^2 - 3x - 54$$
$$(x - 9)(x^2 + x + 6)$$

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

$$x^3 + 10x^2 - 11x - 180$$
$$(x - 4)(x + 9)(x + 5)$$

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

$$63x^3 + 380x^2 + 576x + 256$$
$$(7x + 8)(x + 4)(9x + 8)$$

$$6x^2 + 36x$$
$$6x(x + 6)$$