



# Worksheet: Factorising & Expanding

Name: \_\_\_\_\_ Date: \_\_\_/\_\_\_/\_\_\_ Class: \_\_\_\_\_

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Factorise the following algebraic expressions.

$$4x + 8$$

\_\_\_\_\_ (1)

$$6x + 18$$

\_\_\_\_\_ (1)

$$yx + y$$

\_\_\_\_\_ (1)

$$x^2 + x - 3$$

\_\_\_\_\_ (2)

$$x^2 + 6x + 8$$

\_\_\_\_\_ (2)

$$2x^2 + 3x - 9$$

\_\_\_\_\_ (3)

Expand the following brackets

$$3(x+2)$$

\_\_\_\_\_ (1)

$$7(3x+9)$$

\_\_\_\_\_ (1)

$$4(5x+2)$$

\_\_\_\_\_ (1)

$$3(x-4)$$

\_\_\_\_\_ (1)

$$7(x-2)$$

\_\_\_\_\_ (1)

$$9(2x-3)$$

\_\_\_\_\_ (1)

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

\_\_\_\_\_ (2)

$$(x+9)(x+5)$$

\_\_\_\_\_ (2)

$$(3x+4)(2x-9)$$

\_\_\_\_\_ (3)

Score \_\_\_/23 GRADE \_\_\_/\_\_\_