

$$2 \times 4y^2y^2 - 7 \times 4y^2y$$

$$= 4y^2(2y^2 - 7y)$$

$$2 \times 8 - 2 \times 7y$$

$$= 2(8 - 7y)$$

$$5 \times 3 - 2 \times 3y$$

$$= 3(5 - 2y)$$

$$24y + 21x$$

$$3 \times 8y + 3 \times 7x$$

$$3(8y + 7x)$$

$$56x^3 - 40x^2$$

$$8 \times 7x^2x - 8 \times 5x^2$$

$$8x^2(7x - 5)$$

$$63y^2 - 81y^3$$

$$9 \times 7y^2 - 9 \times 9y^2y$$

$$9y^2(7 - 9y)$$

$$35x^3 - 15x$$

$$= 5 \times 7x^2x - 5 \times 3x$$

$$= 5(7x^2 - 3)$$

$$45x^3 - 81x$$

$$9 \times 5x^2x - 9 \times 9x$$

$$9x(5x^2 - 9)$$

$$54x^3 + 24x^2$$

$$6 \times 9x^2x + 6 \times 4x^2$$

$$6x^2(9x + 4)$$

$$63y + 18y^4$$

$$9 \times 7y + 9 \times 2y^3y$$

$$9y(7 + 2y^3)$$

$$14x^2 - 6x^4$$

$$2 \times 7x^2 - 2 \times 3x^2x^2$$

$$2x^2(7 - 3x^2)$$

Rigour - setting out/expanding brackets
 wr 9 student's work

While this student has vertical working, more attention is required with the idea of equality