

Lesson 3 - Multiplying Polynomials:

We have already seen how to distribute a -1 into a polynomial when subtracting polynomials.

$$\text{i.e. } -(3m^2 + 4m - 7)$$

Is there any difference for a number other than -1?

What about:

$$4(5b - 2)$$

$$-3(-3g^2 + 11)$$

Is there any difference if the term outside the brackets has a variable as well?

$$4m(2m^3)$$

What if we do this the long way...same answer?

$$-5p(3p^2)$$

$$2r(2t^2)$$