Edexcel AS Mathematics Polynomials



Section 2: Dividing and factorising polynomials

Crucial points

1. Always check your work carefully

It is very easy to make silly mistakes when manipulating algebraic expressions.

2. Make sure that you can divide polynomials with confidence Try the different methods (long division, inspection or using a table) and choose the one that you feel most comfortable with. Get lots of practice until you feel really confident. Remember that you can check your answer by multiplying.

3. Take care with signs

Be careful about signs when using the factor theorem:



4. When dividing a polynomial, remember that you can check by multiplying

You can also check the solutions of an equation by substitution.

