Algebra 11: Solving cubic equations

Example 1

Solve x3 + 3x2 – 46x – 48 = 0

Question 1:

Solve each of the following:

1. 2x3 + x2 – 13x + 6 = 0
2. X3 – 4x2 – x + 4 = 0
3. 2x3 + 7x2 + 7x + 2 = 0