

Factoring by Grouping

Steps:

1)

2)

3)

4)

Example 1:

$$8x^3 + 4x^2 + 10x + 5$$

Example 2:

$$20x^3 - 4x^2 + 15x - 3$$

Example 3:

$$27x^3 + 9x^2 - 24x - 8$$

Example 4:

$$8x^3 + 12x^2 + 10x + 15$$