The Distributive Property

1 Apply the Distributive Property

$$5(x + 3)$$

2 Apply the Distributive Property

$$-8(a + b - c)$$

3 Apply the Distributive Property

$$x(x + y)$$

4 Apply the Distributive Property

$$a(a^2 + a + 1)$$

5 Apply the Distributive Property

$$4(3x^2 + 2x - 5)$$

6 Apply the Distributive Property

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

7 Apply the Distributive Property in reverse to factor out a '2' from this polynomial.

$$2a^2 - 2b^2 + 2c^2$$

8 Apply the Distributive Property in reverse to factor out a '2' from this polynomial.

$$8a + 10b + 2c$$

9 Apply the Distributive Property in reverse to factor out an 'x' from this polynomial.

$$7x^3 - 8x^2 - x$$

10 Can you factor anything out of this polynomial? If so, then go for it...

$$6x^2 + 9x$$