

Factoring out the **Greatest Common Factor**...

The first step in factoring is to factor out the **GCF** of all terms

$$2x^2 + 4x$$

$$6x - 4y$$

$$4a^2 + 8a^3b$$

Factoring out the **Greatest Common Factor**...

The first step in factoring is to factor out the **GCF** of all terms

$$6x^3 + 3x^2 - 9x$$

$$4xy^2 - 6x^2y$$