

1. $x^3 - 12x + 16$ has a factor $(x - (-4))$ compute all other factors:

$$(x - 4) (x - 2) (x + 4)$$

$$(x - 4) (x - 3) (x - 2)$$

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

$$(x - 2) (x - 1) x$$

Solution

Apply Long Division.

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