

2. $m^3 - 4m^2 - 4m + 16$ has a factor $(m - (-2))$ compute all other factors:

$$(m - 2) (m + 1) (m + 4)$$

$$(m - 4) (m - 2) (m + 4)$$

$$(m - 4) (m - 2) (m + 2)$$

$$(m - 2) (m - 1) (m + 4)$$

Solution

Apply Long Division.

$$(m - 4) (m - 2) (m + 2)$$