

1. $m^3 - 5m^2 + 6m$ has a factor $(m-0)$ compute all other factors:

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

$$(m - 3) (m - 2) (m - 1)$$

$$(m - 3) (m - 2) m$$

$$(m - 3) (m - 2)^2$$

Solution

Apply Long Division.

$$(m - 3) (m - 2) m$$