

2. $d^3 - 6d^2 + 8d$ has a factor $(d-0)$ compute all other factors:

$$(d - 4) (d - 1) (d + 3)$$

$$(d - 4) (d - 2) (d - 1)$$

$$(d - 4) (d - 2) d$$

$$(d - 4) (d + 1) (d + 3)$$

Solution

Apply Long Division.

$$(d - 4) (d - 2) d$$