

4. $d^3 - 4d^2 + 4d$ has a factor $(d-0)$ compute all other factors:

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

$$(d - 1)^2 (d + 1)$$

$$(d - 2)^2 d$$

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

Solution

Apply Long Division.

$$(d - 2)^2 d$$