

2. $h^3 - 2h^2 - 9h + 18$ has a factor $(h - (-3))$ compute all other factors:

$$(h - 4) (h - 2) (h + 2)$$

$$(h - 4)^2 (h - 2)$$

$$(h - 3) (h - 2) (h + 3)$$

$$(h - 2)^3$$

Solution

Apply Long Division.

$$(h - 3) (h - 2) (h + 3)$$