

2.  $h^3 - 7h^2 + 15h - 9$  has a factor  $(h-1)$  compute all other factors:

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

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

$$(h - 3)^2 (h - 1)$$

$$(h - 3) (h - 2) (h - 1)$$

**Solution**

Apply Long Division.

$$(h - 3)^2 (h - 1)$$