

1.  $h^3 - h^2 - 16h + 16$  has a factor  $(h - (-4))$  compute all other factors:

$$(h - 4)^2 (h - 1)$$

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

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

$$(h - 4) (h + 2) (h + 3)$$

**Solution**

Apply Long Division.

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