

2.  $c^3 - c$  has a factor  $(c - (-1))$  compute all other factors:

$$(c - 1) c (c + 4)$$

$$(c - 1) (c + 1) (c + 2)$$

$$(c - 1) c (c + 1)$$

$$(c - 4) (c - 2) (c - 1)$$

**Solution**

Apply Long Division.

$$(c - 1) c (c + 1)$$