

2. $t^3 - 7t + 6$ has a factor $(t - (-3))$ compute all other factors:

$$(t - 1) t (t + 1)$$

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

$$(t - 2) (t - 1) (t + 3)$$

$$(t - 2) (t - 1) t$$

Solution

Apply Long Division.

$$(t - 2) (t - 1) (t + 3)$$