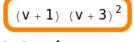
$$(v-2)(v+3)^{2}$$
 $(v+3)^{2}(v+4)$ 

1.  $v^3 + 2v^2 - 15v - 36$  has a factor (v - (-3)) compute all other factors:



 $(v-4)(v+3)^2$ 

Solution

Apply Long Division.

 $(v-4)(v+3)^2$