p. 303 #26 $y = 3x(x-8)(x-1)$

#28 $y = x^2(x+4)(x-1)$

p. 307 #8 $-1, 0, \frac{1}{2}$

#10 4 (mult. 2)

#12 $-\frac{3}{2}$, 1 (mult. 2)

#14 min: (0.52, -1.38)
max: (-3.19, 24.2)

#16 min: (4.10, -5.05)
max: (0.57, 16.9)

#9 $y = 3x^3 - 3x$

$y = 3x(x^2 - 1)$

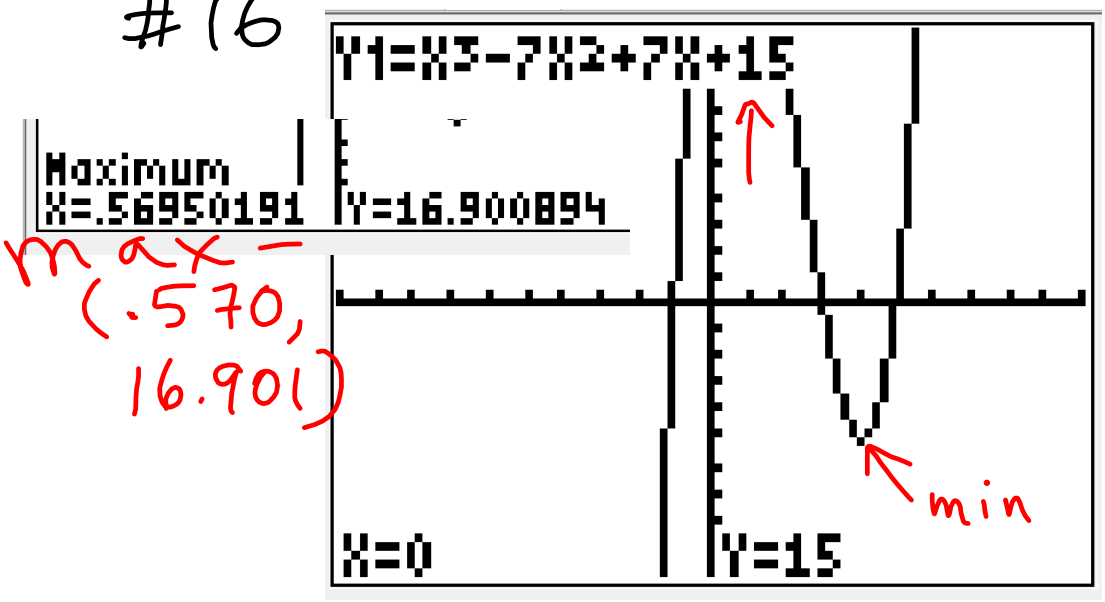
$y = (3)(x)(x+1)(x-1)$

constant factor

linear factors

0, -1, 1

#16



#12 $y = (2x+3)(x-1)^2$

$= 2(x+\frac{3}{2})(x-1)^2$

$-\frac{3}{2}$, 1 (mult. 2)

looking for: x-b factors