

Unit 4: HW # 2

2.  $x = 0, \frac{3}{5}$

4.  $x = \frac{9}{4}, -\frac{9}{4}$

6.  $x = 11, -7$

8.  $x = -12, 5$

10.  $x = -\frac{1}{5}, -2$

12.  $x = -\frac{1}{4}, \frac{8}{3}$

14.  $x = -9, 1$

16.  $x = 8$

18.  $x = 0, 4$

19.  $f(x) = (x-7)(x-5)$

Roots = 7, 5

$$f(x) = (x-b)^2 - 1$$

Vertex =  $(b, -1)$

A.O.S:  $x = b$