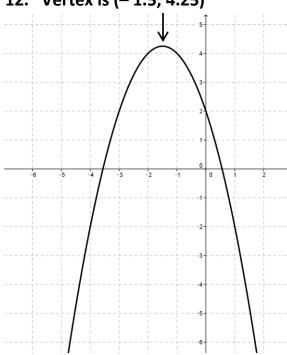
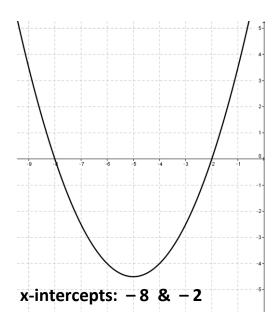
12. Vertex is (-1.5, 4.25)

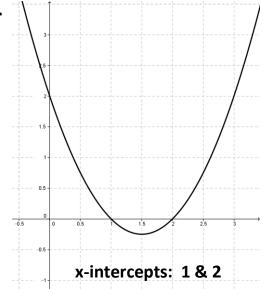


**16.** 



Solutions: x = -8, x = -2

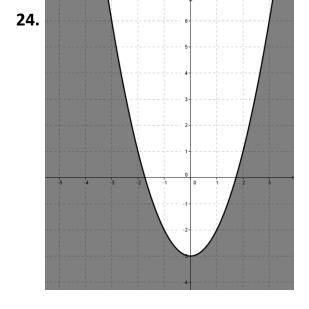
**14.** 



18.  $x = \frac{1}{3}$ , x = 1

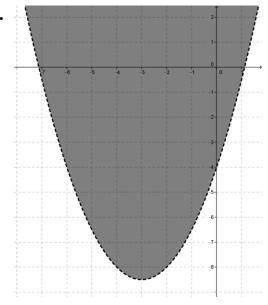
20. 
$$x = \frac{1}{2}$$
,  $x = \frac{3}{5}$ 

22. Two real solutions



Solutions: x = 1, x = 2

26.



28. Linear

