1. x = 0, x = 3/2, x = ¼
2. x = 8/5 or x = -7
3. x = 10 or x = -2
4. x = -1/3 or x = 7/2
5. m = 4, b = 1
6. m = -2, b = 4
7. a) yes b) yes c) no
8. a) D: (-infinity, infinity) R: [-3, infinity)

b) D: [-3, infinity) R: [0, infinity)

21) f(-2) = -22

f(1/2) = -3/4