SM3 1.2 odd answer key

1. What type of equation is this? quadratic

Standard form: $3x^2 - 4x + 7$

Leading coefficient: 3

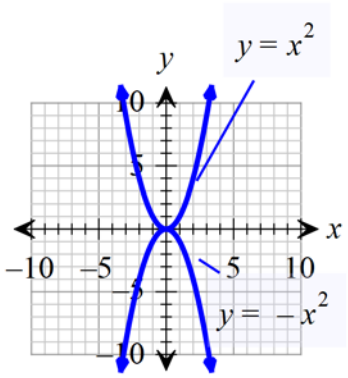
All coefficients: 3, -4, 7

Constant: 7

Degree of the polynomial: 2

3. $-21w^2 + 7w - 2$
5. $-2x^2 - 7x + 3$
7. $2m^2 + 8mp - 5p^2$
9. $3v^2 + 6v$
11. $z^2 + 2z - 15$
13. $k^2 - 64$
15. $x^2 + 10xy + 25y^2$
17. $7x - 16$
19. $(-20x^2 + 33x - 7)\ in^2$
21.
23. x = a number; $3x^2 + 7$
25. a. yes b. no c. yes d. yes
27. $y = -\frac{2}{3}x^2 + 4x - 9$
29. $y = -\frac{37}{7}$ or $-5\frac{2}{7}$
31. $f\left(\frac{1}{2}\right) = 1$
33.

x	$f(x)$
-2	-4
-1	-1
0	0
1	-1
2	-4



35.

x	$f(x)$
-2	8
-1	2
0	0
1	2
2	8