

Lesson 3.3.3

**3-107. See below:**

a.  $x = 0$

b.  $x = 8$

c.  $x = 1$

d.  $x = -3, 13$

**3-108.**  $y = 3x - 5$

**3-109.**  $y = \frac{1}{5}x + 7$

**3-110. See below:**

a.  $-\frac{19}{24}$

b.  $4\frac{5}{6}$

c.  $\frac{7}{5} = 1\frac{2}{5}$

d.  $-\frac{8}{3} = -2\frac{2}{3}$

e.  $-3\frac{7}{12}$

f.  $2\frac{2}{7}$

**3-111. See below:**

a.  $6(13x - 21) = 78x - 126$

b.  $(x + 3)(x - 5) = x^2 - 2x - 15$

c.  $4(4x^2 - 6x + 1) = 16x^2 - 24x + 4$

d.  $(3x - 2)(x + 4) = 3x^2 + 10x - 8$

**3-112. See below:**

a.  $15x^3y$

b.  $y$

c.  $x^5$

d.  $\frac{8}{x^3}$