8-92. See below:

    a. $y = x^2 + 2x - 8$

    b. $y = x^2 - 6x + 9$

    c. $y = x^2 - 7x$

    d. $y = -x^2 - 4x + 5$

8-93. $m = \frac{1}{2}$, $(0, 4)$

8-94. See below:

    a. ≈ -1.4 and ≈ 0.3

    b. The quadratic is not factorable.

8-95. See below:

    a. $x = 4$ or -10

    b. $x = -8$ or 1.5

8-96. They are the same.

    a. 4

    b. -10

    c. -8

    d. 1.5

8-97. See below:

    a. $(1, -1)$

    b. $(-2, \frac{1}{2})$