due: Thursday: read pp. 2-7
    1. pg. 11 / #41, 42, 45, 46
    2. pg. 13 / #67, 68
    3. a. What is the multiplicative identity? b. What is the additive identity?
    4. Give the additive inverse of: a. -9 b. 2/5 c. 0
    5. Give the multiplicative inverse of: a. 5 b. -3/4 c. 0

Friday: read pp. 16-17, 19
    1. pg. 20 / #14, 16, 25, 28
    2. pg. 22 / #37
    3. Find the abscissa of a point whose ordinate is 5 such that the distance between that point and the point $(1, -3)$ is 10.
    4. The midpoint of $\overline{PQ}$ is $(5, -2)$. If P has coordinates $(8,6)$, find the coordinates of Q.
    5. Find the distance from the given point to the given line:
      a. $(3, -2), 5x - 12y + 7 = 0$ b. origin, $2x + 3y = 9$ c. $(1,7), 6x + 8y = 15$

Monday: read pp. 31-32, 35
    1. pg. 40 / #5, 6, 9, 10
    2. pp. 42-43 / #56, 61, 66
    3. Use the concept of slope to determine whether the three points $(-1,2), (2,4)$, and $(6,9)$ are collinear.
    4. Given the points: $A(3, -4)$, $B(7,9)$ a. Find the slope of $\overline{AB}$. B. Find the slope of a line parallel to $\overline{AB}$. C. Find the slope of a line perpendicular to $\overline{AB}$.

Tuesday: read pp. 32-34, 36
    1. pp. 40-41 / #13, 16, 17, 20, 22, 42, 43
    2. Write an equation for the perpendicular bisector of the line segment determined by the points $(-1,3)$ and $(5, -7)$.

on: Wednesday: test

due: Thursday: read pp. 86-87
    1. pp. 102-103 / #5, 6, 7, 72
    2. Let $f(x) = x^2 - 5x + 3$, find: a. $f(3)$ b. $f(-4)$ c. $f(2a)$ d. $f(x + 2)$

Friday: read pp. 88-89
    1. pg. 102 / #8, 9, 13, 15
    2. Find the domain and the range of each function: a. $y = 2x + 5$ b. $y = x^2 - 3$
    3. If $f(x) = 7$, find: a. $f(9)$ b. the domain of $f(x)$ c. the range of $f(x)$

Monday:
    Find the domain and the range of each function: 1. $f(x) = 3x + 1$ 2. $y = x^2 + 4$
    3. $g(x) = 5 + \sqrt{x - 1}$ 4. $h(x) = \frac{x^2 - 9}{x - 3}$ 5. $y = \frac{x^2 - 2x - 3}{x + 1}$