This test review contains the same kind of problems that will appear on the test on Thursday, which will be a bit shorter. If you can complete these problems without much difficulty, then you should be prepared for the test.

1. Solve for $x$: $2x + 2 = -3x + 5$.
2. Solve for $x$: $\frac{2}{3} + 2x = \frac{5}{12}$.
3. Solve for $x$ and give the solution in interval notation: $4x + 2 < 8$.
4. Graph on the number line: $-1 < x \leq 5$.
5. 3 is what percent of 18? (Show the kind of steps we used in class.)
6. Plot the points (2,3) and (-6,2).
7. Graph the line: $y = 2x - 3$.
8. Graph the line: $x = 4$.
9. Find the $x$- and $y$-intercepts of the line $4x + 3y + 1 = 0$.
10. Give a function for the line that is parallel to $y = 2x - 1$ and goes through the point (1,1).
11. Give a function for the line that is perpendicular to $y = 2x - 1$ and goes through the point (1,1).
12. What is the slope of the line going through (2,3) and (-1,5)?
13. Graph the line $2x + 3y > 6$.
14. Find the point where $2x - 2y = 3$ and $2x - y = 5$ cross using “elimination.”
15. Find the point where $3x + y = 2$ and $4x - 4y = 1$ cross using “substitution.”