Algebra I Class Work 3.2

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Directions: You may use your book, notes, calculator, friends, and teacher. However you may not copy someone else work verbatim. **Show all your work.** If you are not finished at the end of class, write “NEED MORE TIME” at the top and turn your paper in – **you may not take it home.** You have one week to finish it.

1. What is the ratio of boys to girls in a class of 25 with 14 girls?
2. Convert 50 cm to inches.
3. What is the average speed in mph of a runner who runs the 440 yd. dash in 1 min?

Solve.

1. $\frac{x+3}{4}=\frac{x+8}{6}$