Name _____ Date _____

Part 3 Fractions

1. Solve the following addition and subtraction problems.

    A. $\frac{1}{2} + \frac{5}{8} =$ _____   **B.** $\frac{2}{3} + \frac{1}{12} =$ _____

    C. $\frac{7}{12} - \frac{1}{2} =$ _____   **D.** $\frac{3}{5} - \frac{3}{10} =$ _____

2. Draw pictures to help you answer these questions.

    A. One furlong is $\frac{1}{8}$ mile. How many furlongs equal one mile?

    B. A tablespoon is $\frac{1}{16}$ of a cup. How many tablespoons equal one cup?

    C. One foot is $\frac{1}{3}$ of a yard. How many feet equal one yard?

    D. 5 minutes is $\frac{1}{12}$ of an hour. How many minutes equal $\frac{3}{12}$ of an hour?

    E. 24 karat gold is pure gold. 1 karat gold means that 1 out of 24 parts is pure. 10 karat gold is $\frac{10}{24}$ or $\frac{5}{12}$ pure. Is 14 karat gold more or less than $\frac{1}{2}$ pure gold? Explain your thinking.

Part 4 Working with Coordinates

1. Name the coordinates of point T on the graph.

2. Plot three other points on the graph so that you can form a rectangle when you connect the points. Label each with a letter.
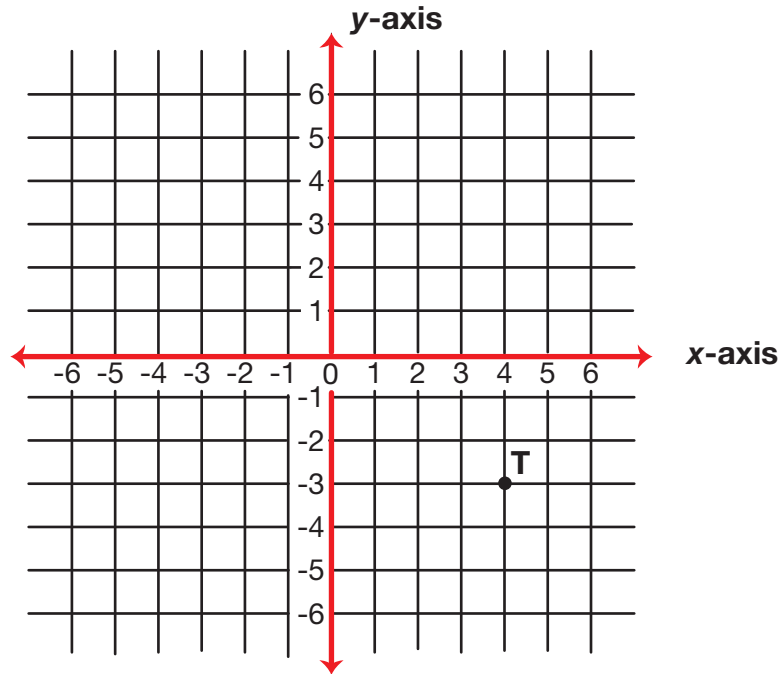
3. Use ordered pairs to list the coordinates of the three points you plotted.