# Fantastic Five #75

1. James will draw a rectangle with an area of 25 square inches. Which set of measurements can James use?

    a. L= $5\frac{1}{2}$ inches, W= 5 inches          b. L= $5\frac{3}{4}$ inches, W= $4\frac{3}{4}$ inches

    c. L= $12\frac{1}{2}$ inches, W= 2 inches          d. L= $12\frac{1}{2}$ inches, W= $12\frac{1}{2}$ inches

2. Six friends are sharing a pizza. The pizza is cut into eight equal slices. How many slices of pizza will each friend get if they share the pizza equally?

3. Four friends shared a pitcher of juice. Eduardo drank $\frac{6}{24}$ of the juice, Lauren drank $\frac{2}{16}$, Asha drank $\frac{5}{16}$ and Demetrius drank $\frac{4}{32}$ of the juice. Which two friends drank a total of $\frac{1}{4}$ of the juice?

4. In a recent month, a cleaning service spent 230 hours cleaning homes. The service cleaned 40 homes during the month. What was the average number of hours spent cleaning one home? (Give as a mixed #)

5. Complete the following measurement definitions. You will be doing conversions on your quiz.

    _____ feet = 1 mile          _____ inches = 1 foot          _____ meters = 1 kilometer

    _____ cups = 1 pint          _____ ounces = 1 pound          _____ milliliters = 1 liter

    _____ pints = 1 quart          _____ feet = 1 yard          _____ grams = 1 kilogram

# Fantastic Five #76

1. James will draw a rectangle with an area of 14 square inches.  Which set of measurements can James use? (L=length, W=width)

   a. L= $3\frac{1}{2}$ inches, W= 4 inches                      b. L= $5\frac{3}{4}$ inches, W= $4\frac{1}{4}$ inches

   c. L= $9\frac{1}{2}$ inches, W= 5 inches                      d. L= $7\frac{1}{2}$ inches, W= $6\frac{1}{2}$ inches

2. Five friends are sharing a pizza.  The pizza is cut into six equal slices.  How many slices of pizza will each friend get if they share the pizza equally?

3. Four friends shared a pitcher of juice.  Eduardo drank $\frac{3}{24}$ of the juice, Lauren drank $\frac{3}{16}$ , Asha drank $\frac{4}{16}$ and Demetrius drank $\frac{12}{32}$ of the juice.  Which two friends drank a total of $\frac{3}{8}$ of the juice?

4. In a recent month, a cleaning service spent 190 hours cleaning homes.  The service cleaned 30 homes during the month.  What was the average number of hours spent cleaning one home?  (Give as a mixed #)

5. Complete the following measurement definitions. You will be doing conversions on your quiz.

   _____ inches = 1 yard        _____ yards = 1 mile    _____ fluid ounces = 1 cup    _____ quarts = 1 gallon
   _____ pounds = 1 ton         _____ millimeters = 1 centimeter        _____ milligrams = 1 gram

   _____ centimeters = 1 meter

# Fantastic Five #77

1. James will draw a rectangle with an area of 23 square inches.  Which set of measurements can James use? (L=length, W=width)

    a. L= $11\frac{1}{2}$ inches, W= $2\frac{1}{2}$ inches              b. L= $5\frac{3}{4}$ inches, W= $4\frac{3}{4}$ inches

    c. L= $12\frac{1}{2}$ inches, W= 2 inches               d. L= $5\frac{3}{4}$ inches, W= 4 inches

2. Nine friends are sharing a pie.  The pie is cut into twelve equal slices.  How many slices of pie will each friend get if they share the pie equally?

3. Four friends shared a plate of pizza rolls.  Eric ate $\frac{12}{48}$ of the pizza rolls, Keith ate $\frac{2}{16}$ , Dwight ate $\frac{10}{20}$ and Brandy ate $\frac{12}{32}$ of the pizza rolls.  Which two friends ate a total of $\frac{1}{2}$ of the pizza rolls?

4. The performers drank 430 bottles of water during the course of the show.  There were 75 performers in all.  What was the average number of bottles each performer drank?  (Give as a mixed #)

5. Complete the following measurement definitions. You will be doing conversions on your quiz.

    _____ cups = 1 pint        _____ ounces = 1 pound     _____ pounds = 1 ton     _____ feet = 1 yard
    _____ feet = 1 mile         _____ inches = 1 foot    _____ grams = 1 kilogram   _____ meters = 1 kilometer
    _____ centimeters = 1 meter

# Fantastic Five #78

1. James will draw a rectangle with an area of 60 square inches.  Which set of measurements can James use? (L=length, W=width)

    a. L= $15\frac{1}{2}$ inches, W= $4\frac{1}{2}$ inches                b. L= $3\frac{1}{2}$ inches, W= $14\frac{3}{4}$ inches

    c. L= $7\frac{1}{2}$ inches, W= 8 inches                   d. L= $8\frac{3}{4}$ inches, W= 6 inches

2. Ten friends are sharing a pie.  The pie is cut into eight equal slices.  How many slices of pie will each friend get if they share the pie equally?

3. Four friends ate soup using four identical bowls.  Taylor's bowl was $\frac{5}{15}$ full, Sam's was $\frac{10}{20}$ full, Mary's was $\frac{24}{36}$ full and Ian's was $\frac{15}{25}$ full.  Which two friends had a full bowl when put together?

4. In a recent month, a singer spent 186 hours practicing every day.  If there were 30 days in that month, what was the average number of hours spent practicing?  (Give as a mixed #)

5. Complete the following measurement definitions. You will be doing conversions on your quiz.

    _____ inches = 1 yard       _____ yards = 1 mile    _____ millimeters = 1 centimeter
    _____ quarts = 1 gallon       _____ fluid ounces = 1 cup   _____ milliliters = 1 liter
    _____ pints = 1 quart          _____ milligrams = 1 gram