Fantastic Five #79

1. A rectangle has a length of $4\frac{1}{2}$ inches and a width of $2\frac{3}{4}$ inches. What is the area of the rectangle, in square inches?

2. What is the correct solution to the equation? $9[(9 + 3) - 60 \div 20]$

3. Two-thirds of the students in a class are wearing blue jeans. Two-sixths of the students who are wearing blue jeans are also wearing red shirts. What fraction of the students in the class are wearing blue jeans and red shirts?

4. Each of 5 boys ate $\frac{2}{3}$ of a pizza. What is the total amount the boys ate?

5. Conversions (You will see word problems on the quiz):

a. 4.5 L = _____ mL   b. 4 miles = _____ feet   c. 2 miles = _____ yards   d. 4 gallons = _____ pints

e. 8 kilograms = _____ grams   f. 100 cm = _____ meters   g. 150 min = _____ hr   h. 4 feet = _____ inches

Fantastic Five #80

1. A rectangle has a length of $8\frac{1}{2}$ inches and a width of $2\frac{7}{8}$ inches. What is the area of the rectangle, in square inches?

2. If Lucas added parentheses to the equation and his answer was 11, where would the parenthesis be?   **5 + 3 x 9 - 7**

3. One-fourth of the students in a class are wearing blue jeans. Two-thirds of the students who are wearing blue jeans are also wearing red shirts. What fraction of the students in the class are wearing blue jeans and red shirts?

4. Each of 7 boys ate $\frac{1}{4}$ of a pizza. What is the total amount the boys ate?

5. Conversions (You will see word problems on the quiz):

a. 7.5 L = _____ mL   b. 10,560 feet = ____ mi   c. 2.5 miles = _____ feet   d. 1.5 gallons = _____ pints

e. 9,000 g = ___kg   f. 500 cm = _____ meters   g. 210 min = _____ hr   h. 50 inches = _____ feet

Fantastic Five #81

1. A rectangle has a length of $5\frac{2}{3}$ inches and a width of $5\frac{3}{4}$ inches. What is the area of the rectangle, in square inches?

2. Solve: $5[(4+3) - 50 \div 10]$

3. One-half of the students in a class have brown hair. Two-fifths of the students who have brown hair also have blue eyes. What fraction of the students in the class have brown hair and blue eyes?

4. Each of 6 girls ate $\frac{1}{4}$ of their ice cream. What is the total amount the girls ate?

5. Conversions (You will see word problems on the quiz)

a. 500mL = _____ L   b. 4,000 lbs= _____ tons   c. 8 miles = _____ feet   d. 2.25 gallons = _____ quarts

e. 4,000 g = ___kg   f. 6 m=_____ cm   g. 4.5 hours= ___min   h. 5.5 ft. = _____ feet

Fantastic Five #83

1. A rectangle has a length of 6 inches and width of 2½ inches. What is the area of the rectangle, in square inches?

2. Stephanie added parentheses to the expression and found the value of 4. Show where Stephanie added the parentheses.   **5 x 4 – 9 + 7**

3. Two-fifths of the volleyball team injured themselves. Of those players, one-fourth will be out the rest of the season. How much of the team is injured **and** will be out the rest of the season?

4. Mrs. Lunsford made baked ziti. The recipe calls for $1\frac{3}{4}$ cups of tomato sauce. If she had to triple the recipe, how many cups of tomato sauce did she need?

5. Conversions:

   The distance from Jessica's house to her school is 4 miles and 750 feet. What is this distance in feet? _____

   Max has 1 gallon of tea and his brother has 1 gallon and 3 quarts. How many total quarts do both boys have? _____

   Ms. Schwartz runs 1/2 mile every day. How many feet does she run after 3 days? _____