Practice Assignment   **0   25   50   75   100**

1. Divide the following fractions:

a. $4 \div \dfrac{2}{3}$ b. $\dfrac{3}{2} \div \dfrac{1}{6}$ c. $\dfrac{5}{6} \div \dfrac{1}{2}$ d. $\dfrac{7}{8} \div \dfrac{1}{4}$

e. $6\dfrac{1}{2} \div 2\dfrac{1}{2}$ f. $5\dfrac{1}{2} \div 1\dfrac{1}{4}$ g. $5\dfrac{3}{4} \div 1\dfrac{1}{8}$ h. $6 \div 2\dfrac{1}{3}$

2. Charles has 6 cups of popcorn. How many friends can he share the popcorn with if each is given $\dfrac{2}{3}$ cup? Draw a diagram to represent the problem and then solve it.

3. Leia has $\dfrac{3}{4}$ cup of laundry detergent left in the detergent bottle. Each load of laundry requires $\dfrac{1}{2}$ cup of detergent. How many loads of laundry can Lea wash? Draw a diagram to represent the problem and then solve it.

4. Aleena has $\frac{3}{4}$ cup of bananas. A batch of banana muffins requires $\frac{1}{8}$ cup of bananas. How many batches of bananas muffins can Aleena make?

5. Each box of Apple Jacks contains 5 ounces of cereal. How many $\frac{1}{4}$ ounce servings does each box contain? Draw a diagram to represent the problem and then solve it.