

**6th Review #15 SHOW HOW YOU SOLVED EACH PROBLEM – NO CALCULATORS!**

1. Mary's recipe called for  $2\frac{1}{3}$  cups of sugar for each batch of fudge. She needs to make  $5\frac{1}{2}$  batches of fudge for the youth retreat. How many cups of sugar will she need? *(Show how you found the amount of sugar)*

- A  $10\frac{1}{6}$  cups
- B  $12\frac{5}{6}$  cups
- C  $7\frac{5}{6}$  cups
- D  $3\frac{1}{6}$  cups

2. **Model** to solve:  $5 \div \frac{2}{3}$

3. Solve: *(Show work)*

$$\frac{2}{9} \div \frac{5}{6}$$

NAME \_\_\_\_\_

4. Jack donated 4,200 golf balls for the tournament. If there were 30 participants in the tournament and they each received the same number of golf balls, how many golf balls did each receive? *(Show how you found the answer; is your answer reasonable)*

- A 14 golf balls**
- B 104 golf balls**
- C 114 golf balls**
- D 140 golf balls**

5. Gary found 2 boxes of ornaments. Each box had 10 ornaments. If  $\frac{2}{5}$  of the ornaments were gold, how many gold ornaments were there? *(Draw a picture to help you)*

6. Simplify  $\frac{85}{70}$  and rewrite as a mixed number. *(Show how you found the decimal)*