6th Review #12 *SHOW HOW YOU SOLVED EACH PROBLEM* – *NO CALCULATORS!*

1. Jade made 20 cakes for the door prizes. Two of the cakes were chocolate, seven were strawberry, and the rest were vanilla. What fraction of the cakes was vanilla? (*show how you found the fraction of vanilla cakes*)

2. Model to solve: $1 \frac{1}{6} \bullet \frac{2}{3}$

3. If Jimmy needs to use $\frac{1}{6}$ cup of cinnamon in every batch of cinnamon rolls that he makes, how much cinnamon will he need if he makes 14 batches of cinnamon rolls? (Show how you know by model or work).

Name:_____

4. Compare the following decimals: (*show* **place value)**

13.089 _____ 13.3

5. Mr. Talley bought 2 boxes of chocolate. Each box had 12 pieces of chocolate. The 5th grade students in his classroom ate $\frac{1}{4}$ of the chocolate. How many pieces did they eat? (*Draw a picture to help you find how many pieces were eaten*)

6. Shade the following model to represent the expression below: (*show how you shaded*)

$$\frac{5}{6} \bullet \frac{2}{3}$$