NAME \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Grade 5 Unit 5 Self Assessment

Date\_\_\_\_\_\_\_\_\_\_\_\_\_

Solve the problem. Draw lines and shade the rectangle to show what you did.

1/3  of 2/5 is \_\_\_\_\_\_\_\_

 Rewrite the fractions as equivalent fractions with common denominators.

1. 3/8 and ¼ \_\_\_\_\_\_\_\_\_\_\_\_\_
2. 6/7 and 2/5 \_\_\_\_\_\_\_\_\_\_\_\_\_
3. Describe the strategy you used to solve problem b. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Estimate. Then solve.

1. 3 ¼ + 5 3/5 = ?

Estimate:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Solve:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. 5 5/6 – 2 ½ = ?

Estimate:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Solve:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Explain why multiplying any fraction by a fraction equal to 1 always gives you an equivalent fraction. Provide an example in your explanation.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_



 Jeff has 4 pounds of fudge. He cuts them into 1/5 pound pieces. How many pieces will Jeff have?

1. Division numbermodel: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Answer:\_\_\_\_\_\_\_\_\_\_\_\_
3. Check:\_\_\_\_\_\_\_\_\_\_\_\_\_

Answer:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Linda has ¼ box of cereal left and it needs to last for 5 days. How much cereal should she eat each day?

1. Division numbermodel:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Answer:\_\_\_\_\_\_\_\_\_\_\_\_
3. Check:\_\_\_\_\_\_\_\_\_\_\_\_\_

 Solve.



1. 30 \* 2/5 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. 18 \* 5/9 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_