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 Name \_\_\_\_\_

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 Date \_\_\_\_\_

Consider the statement. Circle to show whether the product is less than or greater than  $\frac{3}{4}$ . Then find the product.

1.  $\frac{1}{3}$  as much as  $\frac{3}{4}$

2.  $\frac{2}{3}$  as much as  $\frac{3}{4}$

3.  $\frac{5}{3}$  as much as  $\frac{3}{4}$

less than  $\frac{3}{4}$     greater than  $\frac{3}{4}$ less than  $\frac{3}{4}$     greater than  $\frac{3}{4}$ less than  $\frac{3}{4}$     greater than  $\frac{3}{4}$ 

\_\_\_\_\_  $\times$  \_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_\_  $\times$  \_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_\_  $\times$  \_\_\_\_\_ = \_\_\_\_\_

Multiply.

4.  $\frac{1}{4} \times \frac{8}{9} =$  \_\_\_\_\_

5.  $\frac{2}{3} \times \frac{3}{5} =$  \_\_\_\_\_

6.  $\frac{5}{8} \times \frac{6}{4} =$  \_\_\_\_\_

7.  $\frac{5}{6} \times \frac{4}{3} =$  \_\_\_\_\_

8.  $\frac{7}{10} \times \frac{3}{2} =$  \_\_\_\_\_

9.  $\frac{2}{9} \times \frac{8}{7} =$  \_\_\_\_\_

10. Lacy thinks  $\frac{2}{3} \times \frac{9}{8} > \frac{2}{3}$ .

a. Explain why Lacy might think the product is greater than  $\frac{2}{3}$ .

b. Find  $\frac{2}{3} \times \frac{9}{8}$ .

c. Is your answer reasonable? How do you know?

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Use  $>$ ,  $=$ , or  $<$  to compare the expressions. Explain how you can compare the expressions without evaluating them.

11.  $\frac{1}{2} \times \frac{13}{15}$  \_\_\_\_\_  $\frac{4}{5} \times \frac{13}{15}$

Explain:

12.  $\frac{13}{9} \times \frac{41}{50}$  \_\_\_\_\_  $\frac{18}{19} \times \frac{41}{50}$

Explain:

13.  $\frac{11}{10} \times \frac{67}{100}$  \_\_\_\_\_  $\frac{7}{10} \times \frac{11}{10}$

Explain:

Use the Read–Draw–Write process to solve each problem.

14. Tyler bakes 1 pan of brownies. He gives  $\frac{1}{3}$  of the brownies to his family. He gives his friends  $\frac{5}{4}$  as much of the brownies as he gives his family. What fraction of the brownies is left?

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15. Miss Song's favorite brand of almonds is sold in bags that weigh  $\frac{7}{8}$  pounds. She buys 1 bag of almonds at the store and she has  $\frac{1}{2}$  of a bag of almonds at home. What is the total weight of Miss Song's almonds?