

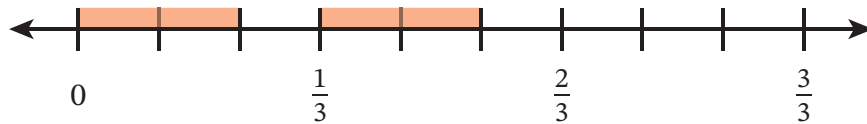


Name _____

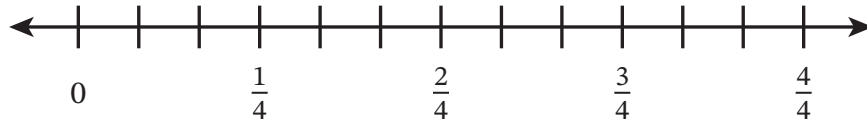
Date _____

Use the number line to find the product. Then complete the equation.

1. $\frac{2}{3} \times \frac{2}{3} =$ _____



2. $\frac{2}{3} \times \frac{2}{4} =$ _____

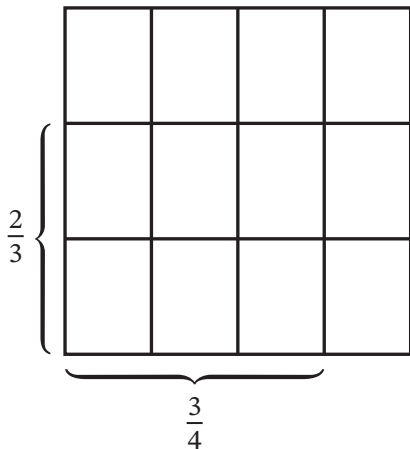


3. $\frac{2}{4} \times \frac{2}{3} =$ _____

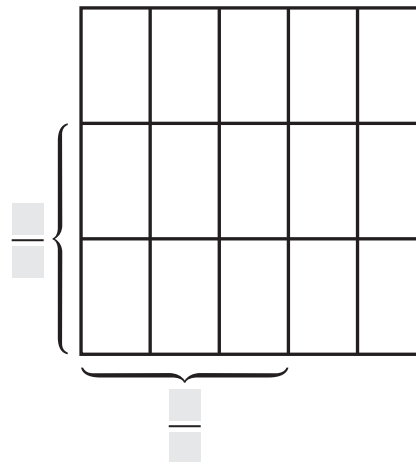


Use the area model to find the product. Then complete the equation. Each model represents 1.

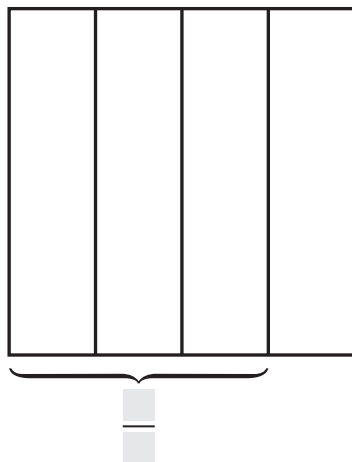
4. $\frac{2}{3} \times \frac{3}{4} =$ _____



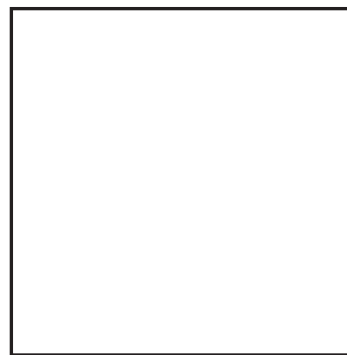
5. $\frac{2}{3} \times \frac{3}{5} =$ _____



6. $\frac{3}{4} \times \frac{3}{4} =$ _____



7. $\frac{2}{5} \times \frac{2}{3} =$ _____



Multiply. Draw a model to find the product.

8. $\frac{3}{4} \times \frac{4}{5} =$ _____

9. $\frac{4}{5} \times \frac{2}{3} =$ _____

10. $\frac{2}{3} \times \frac{5}{6} =$ _____

11. $\frac{3}{4} \times \frac{3}{5} =$ _____

12. $\frac{3}{5} \times \frac{5}{6} =$ _____

13. $\frac{3}{8} \times \frac{4}{5} =$ _____

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

14. $\frac{4}{5} \times \frac{2}{7}$ _____ $\frac{2}{7}$

Explain:

15. $3 \times \frac{5}{8}$ _____ $\frac{5}{8}$

Explain:

16. 4 _____ $\frac{3}{4} \times 4$

Explain:

17. $\frac{6}{6} \times \frac{5}{9} \text{ ————— } \frac{5}{9}$

Explain:

18. Noah's mom told him he could have $\frac{1}{4}$ of a candy bar. She told Noah's sister she could have $\frac{1}{3}$ of the rest of the candy bar. Noah says it is not fair because he only gets $\frac{1}{4}$, but his sister gets $\frac{1}{3}$. Explain why Noah's reasoning is not correct.

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

19. Scott spends $\frac{2}{5}$ of his allowance. Of the money he spends, he uses $\frac{3}{4}$ of it to buy a toy. What fraction of his allowance does Scott spend on the toy?

20. Tara has $\frac{5}{8}$ gallons of glue. She uses $\frac{2}{5}$ of the glue to make blue slime, $\frac{1}{5}$ of the glue to make green slime, and the rest of the glue to make purple slime. How many gallons of glue does Tara use to make purple slime?