

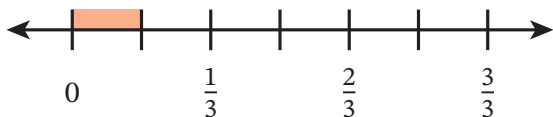


Name _____

Date _____

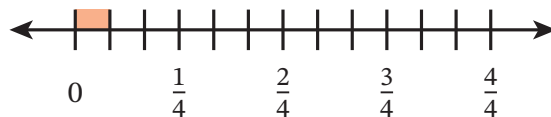
Use the number line to complete the multiplication equation.

1. $\frac{1}{2}$ of $\frac{1}{3}$



$$\frac{1}{2} \times \frac{1}{3} = \frac{\square}{\square}$$

2. $\frac{1}{3}$ of $\frac{1}{4}$



$$\frac{1}{3} \times \frac{1}{4} = \frac{\square}{\square}$$

Complete the area model to find the product. Each diagram represents 1.

3. $\frac{1}{2} \times \frac{1}{4} = \underline{\hspace{2cm}}$

4. $\frac{2}{4} \times \frac{2}{4} = \underline{\hspace{2cm}}$

5. $\frac{2}{3} \times \frac{2}{3} = \underline{\hspace{2cm}}$

6. $\frac{1}{4} \times \frac{2}{3} = \underline{\hspace{2cm}}$

Draw a model to find the product.

7. $\frac{1}{2} \times \frac{1}{5} =$ _____

8. $\frac{1}{2} \times \frac{3}{5} =$ _____

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

10. $\frac{1}{2} \times \frac{3}{4} =$ _____

11. $\frac{1}{4} \times \frac{1}{4} =$ _____

12. $\frac{3}{5} \times \frac{1}{4} =$ _____

13. Adesh needs to find $\frac{1}{5}$ of $\frac{3}{4}$. He estimates the answer is about 1 because he thinks the value is $\frac{1}{5}$ greater than $\frac{3}{4}$. Is Adesh correct? Explain.

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

14. Jada has $\frac{3}{4}$ gallons of lemonade. She pours $\frac{1}{6}$ of the lemonade into a bottle. How many gallons of lemonade does Jada pour into the bottle?

15. $\frac{4}{5}$ of the food items on the lunch table are sandwiches. $\frac{2}{3}$ of the sandwiches are peanut butter and the rest are cheese. What fraction of the food items on the lunch table are cheese sandwiches?