

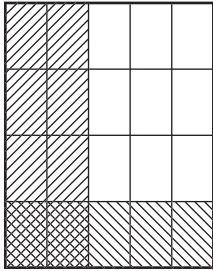
STUDY LINK
8•6

Multiplying Fractions

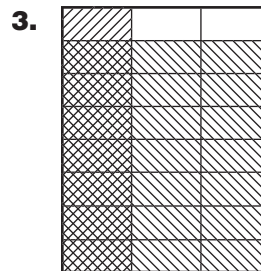
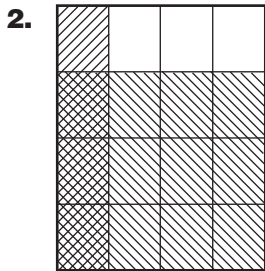
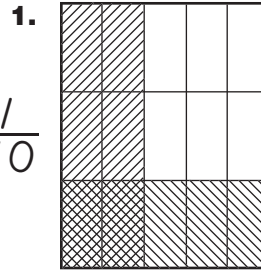


Write a number model for each area model.

Example:



$$\frac{1}{4} * \frac{2}{5} = \frac{2}{20}, \text{ or } \frac{1}{10}$$



Reminder: $\frac{a}{b} * \frac{c}{d} = \frac{a * c}{b * d}$

Multiply.

4. $\frac{3}{7} * \frac{2}{10} =$ _____

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

6. $\frac{1}{2} * \frac{1}{4} =$ _____

7. $\frac{4}{5} * \frac{3}{5} =$ _____

8. $\frac{2}{3} * \frac{3}{8} =$ _____

9. $\frac{1}{7} * \frac{5}{9} =$ _____

10. Matt is making cookies for the school fund-raiser. The recipe calls for $\frac{2}{3}$ cup of chocolate chips. He decides to triple the recipe.
How many cups of chocolate chips does he need? _____ cups

11. The total number of goals scored by both teams in the field-hockey game was 15. Julie's team scored $\frac{3}{5}$ of the goals. Julie scored $\frac{1}{3}$ of her team's goals. How many goals did Julie's team score? _____ goals

How many goals did Julie score? _____ goals