



Name: _____

Date: _____

Multiplying Fractions Area Models

Solve for x. Show your work.

1. Use an area model to find: $\frac{1}{2} \times \frac{2}{3}$

2. Use an area model to find: $\frac{1}{3} \times \frac{2}{3}$

3. Use an area model to find: $\frac{1}{2} \times \frac{1}{2}$

4. Use an area model to find: $\frac{1}{4} \times \frac{1}{3}$

5. Use an area model to find: $\frac{1}{2} \times \frac{1}{3}$

6. Use an area model to find: $\frac{1}{2} \times \frac{1}{3}$

7. Use an area model to find: $\frac{1}{3} \times \frac{1}{2}$

8. Use an area model to find: $\frac{1}{4} \times \frac{1}{2}$



Multiplying Fractions Area Models – Answer Key

1. Use an area model to find: $\frac{1}{2} \times \frac{2}{3}$
 $\frac{1}{3}$
2. Use an area model to find: $\frac{1}{3} \times \frac{2}{3}$
 $\frac{2}{9}$

3. Use an area model to find: $\frac{1}{2} \times \frac{1}{2}$
 $\frac{1}{4}$
4. Use an area model to find: $\frac{1}{4} \times \frac{1}{3}$
 $\frac{1}{12}$

5. Use an area model to find: $\frac{1}{2} \times \frac{1}{3}$
 $\frac{1}{6}$
6. Use an area model to find: $\frac{1}{2} \times \frac{1}{3}$
 $\frac{1}{6}$

7. Use an area model to find: $\frac{1}{3} \times \frac{1}{2}$
 $\frac{1}{6}$
8. Use an area model to find: $\frac{1}{4} \times \frac{1}{2}$
 $\frac{1}{8}$