

LESSON 20: Multiply Fractions

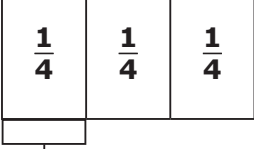
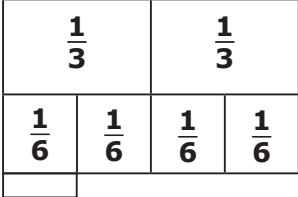
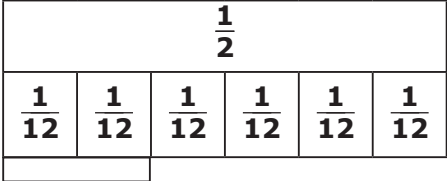
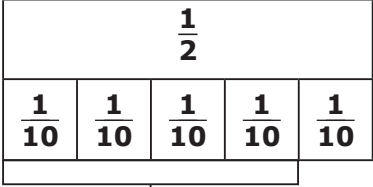
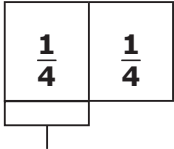
**TRANSPARENCY MASTER for S198**

**Directions:** Complete this page with your teacher and partner. Simplify all answers.

| Problem  | Meaning | Model |
|--|---------|-------|
| <p>1. <math>\frac{1}{3} \cdot \frac{3}{4} =</math></p> |         |       |
| <p>2. <math>\frac{1}{4} \cdot \frac{2}{3} =</math></p> |         |       |
| <p>3. <math>\frac{2}{6} \cdot \frac{1}{2} =</math></p> |         |       |
| <p>4. <math>\frac{4}{5} \cdot \frac{1}{2} =</math></p> |         |       |
| <p>5. <math>\frac{1}{2} \cdot \frac{2}{4} =</math></p> |         |       |

## LESSON 20: Multiply Fractions

Here is the key to **S198**.**Directions:** Complete this page with your teacher and partner. Simplify all answers.

| Problem  | Meaning                                   | Model  |
|--|---|--|
| 1. $\frac{1}{3} \cdot \frac{3}{4} = \frac{1}{4}$ | $\frac{1}{3}$ of a group of $\frac{3}{4}$ |  <p>1 out of 3 = <math>\frac{1}{4}</math></p>                 |
| 2. $\frac{1}{4} \cdot \frac{2}{3} = \frac{1}{6}$ | $\frac{1}{4}$ groups of $\frac{2}{3}$     |  <p>1 out of 4 = <math>\frac{1}{6}</math></p>                 |
| 3. $\frac{2}{6} \cdot \frac{1}{2} = \frac{1}{6}$ | $\frac{2}{6}$ of a group of $\frac{1}{2}$ |  <p>2 out of 6 = <math>\frac{2}{12} = \frac{1}{6}</math></p> |
| 4. $\frac{4}{5} \cdot \frac{1}{2} = \frac{2}{5}$ | $\frac{4}{5}$ groups of $\frac{1}{2}$     |  <p>4 out of 5 = <math>\frac{4}{10} = \frac{2}{5}</math></p> |
| 5. $\frac{1}{2} \cdot \frac{2}{4} = \frac{1}{4}$ | $\frac{1}{2}$ groups of $\frac{2}{4}$     |  <p>1 out of 2 = <math>\frac{1}{4}</math></p>               |