

LESSON 20: Multiply Fractions

Here is the key to **S204**.

Homework

Name _____ Date _____

Directions: Solve the following fraction multiplication problems. Simplify all answers.

1. $\frac{4}{12} \cdot \frac{9}{10} = \frac{36}{120} = \frac{3}{10}$

2. $\frac{1}{12} \cdot \frac{3}{5} = \frac{3}{60} = \frac{1}{20}$

3. $\frac{3}{10} \cdot \frac{7}{12} = \frac{21}{120} = \frac{7}{40}$

4. $3 \cdot \frac{4}{5} = \frac{12}{5} = 2\frac{2}{5}$

5. $\frac{6}{8} \cdot \frac{2}{4} = \frac{12}{32} = \frac{3}{8}$

6. $\frac{1}{4} \cdot \frac{3}{8} = \frac{3}{32}$

7. $\frac{2}{3} \cdot \frac{4}{12} = \frac{8}{36} = \frac{2}{9}$

8. $\frac{2}{3} \cdot 8 = \frac{16}{3} = 5\frac{1}{3}$