

Name: Class:

Multiply two fractions

Multiply the following and simplify the product to either its lowest terms, mixed number or whole number.

1. Multiply and simplify your answer as much as possible. (example)

$$\frac{2}{9} \times \frac{3}{7} =$$

2. $\frac{12}{23} \times \frac{2}{7} =$

3. $\frac{3}{4} \times \frac{2}{5} =$

4. $\frac{2}{9} \times \frac{6}{7} =$

5. $\frac{6}{7} \times \frac{3}{5} =$

6. $\frac{3}{17} \times \frac{1}{2} =$

7. $\frac{10}{1} \times \frac{1}{10} =$

8. $\frac{5}{20} \times \frac{3}{7} =$

9. $\frac{13}{40} \times \frac{2}{3} =$

Name: Class:

Multiply two fractions

Multiply the following and simplify the product to either its lowest terms, mixed number or whole number.

1. Multiply and simplify your answer as much as possible.

$$\frac{2}{9} \times \frac{3}{7} = \frac{2 \times 3}{9 \times 7} = \frac{\cancel{6}}{\cancel{63}} = \frac{2}{21}$$

$$2. \frac{12}{23} \times \frac{2}{7} = \frac{12 \times 2}{23 \times 7} = \frac{24}{161}$$

$$3. \frac{3}{4} \times \frac{2}{5} = \frac{3 \times 2}{4 \times 5} = \frac{\cancel{6}}{\cancel{20}} = \frac{3}{10}$$

$$4. \frac{2}{9} \times \frac{6}{7} = \frac{2 \times 6}{9 \times 7} = \frac{\cancel{12}}{\cancel{63}} = \frac{4}{21}$$

$$5. \frac{6}{7} \times \frac{3}{5} = \frac{6 \times 3}{7 \times 5} = \frac{18}{35}$$

$$6. \frac{3}{17} \times \frac{1}{2} = \frac{3 \times 1}{17 \times 2} = \frac{3}{34}$$

$$7. \frac{10}{1} \times \frac{1}{10} = \frac{10 \times 1}{1 \times 10} = \frac{\cancel{10}}{\cancel{10}} = 1$$

$$8. \frac{5}{20} \times \frac{3}{7} = \frac{5 \times 3}{20 \times 7} = \frac{\cancel{15}}{\cancel{140}} = \frac{3}{28}$$

$$9. \frac{13}{40} \times \frac{2}{3} = \frac{13 \times 2}{40 \times 3} = \frac{\cancel{26}}{\cancel{120}} = \frac{13}{60}$$