

Multiplying fractions

Name _____ Date _____

Hard: Improper fractions, denominators to 12 · Grades 5–6

Write each answer in simplest form. Use a mixed number when the answer is more than 1.

1.

$$\frac{6}{4} \times \frac{1}{3} = \underline{\hspace{2cm}}$$

2.

$$\frac{4}{6} \times \frac{2}{5} = \underline{\hspace{2cm}}$$

3.

$$\frac{5}{4} \times \frac{8}{9} = \underline{\hspace{2cm}}$$

4.

$$\frac{13}{9} \times \frac{8}{7} = \underline{\hspace{2cm}}$$

5.

$$\frac{1}{2} \times \frac{14}{8} = \underline{\hspace{2cm}}$$

6.

$$\frac{2}{8} \times \frac{17}{10} = \underline{\hspace{2cm}}$$

7.

$$\frac{5}{12} \times \frac{3}{2} = \underline{\hspace{2cm}}$$

8.

$$\frac{11}{8} \times \frac{4}{3} = \underline{\hspace{2cm}}$$

9.

$$\frac{8}{6} \times \frac{1}{3} = \underline{\hspace{2cm}}$$

10.

$$\frac{18}{12} \times \frac{14}{9} = \underline{\hspace{2cm}}$$

11.

$$\frac{3}{5} \times \frac{1}{3} = \underline{\hspace{2cm}}$$

12.

$$\frac{2}{9} \times \frac{1}{2} = \underline{\hspace{2cm}}$$

13.

$$\frac{1}{11} \times \frac{6}{4} = \underline{\hspace{2cm}}$$

14.

$$\frac{1}{3} \times \frac{1}{10} = \underline{\hspace{2cm}}$$

15.

$$\frac{12}{11} \times \frac{9}{10} = \underline{\hspace{2cm}}$$

16.

$$\frac{2}{5} \times \frac{3}{2} = \underline{\hspace{2cm}}$$

Multiplying fractions — answer key

Set 101

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Write each answer in simplest form. Use a mixed number when the answer is more than 1.

1.

$$\frac{6}{4} \times \frac{1}{3} = \frac{1}{2}$$

2.

$$\frac{4}{6} \times \frac{2}{5} = \frac{4}{15}$$

3.

$$\frac{5}{4} \times \frac{8}{9} = 1\frac{1}{9}$$

4.

$$\frac{13}{9} \times \frac{8}{7} = 1\frac{41}{63}$$

5.

$$\frac{1}{2} \times \frac{14}{8} = \frac{7}{8}$$

6.

$$\frac{2}{8} \times \frac{17}{10} = \frac{17}{40}$$

7.

$$\frac{5}{12} \times \frac{3}{2} = \frac{5}{8}$$

8.

$$\frac{11}{8} \times \frac{4}{3} = 1\frac{5}{6}$$

9.

$$\frac{8}{6} \times \frac{1}{3} = \frac{4}{9}$$

10.

$$\frac{18}{12} \times \frac{14}{9} = 2\frac{1}{3}$$

11.

$$\frac{3}{5} \times \frac{1}{3} = \frac{1}{5}$$

12.

$$\frac{2}{9} \times \frac{1}{2} = \frac{1}{9}$$

13.

$$\frac{1}{11} \times \frac{6}{4} = \frac{3}{22}$$

14.

$$\frac{1}{3} \times \frac{1}{10} = \frac{1}{30}$$

15.

$$\frac{12}{11} \times \frac{9}{10} = \frac{54}{55}$$

16.

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