math Antics Worksheets

Name:

Date:

Multiplying Fractions

Instructions: Use the procedure you learned in the video to multiply these fractions together. You do **not** need to simplify your answers.

1 $\dfrac{2}{5} \times \dfrac{3}{4} = \dfrac{6}{20}$

2 $\dfrac{1}{2} \times \dfrac{7}{8} =$

3 $\dfrac{2}{3} \times \dfrac{2}{3} =$

4 $\dfrac{3}{5} \times \dfrac{4}{6} =$

5 $\dfrac{1}{4} \times \dfrac{5}{2} =$

6 $\dfrac{3}{3} \times \dfrac{8}{7} =$

7 $\dfrac{6}{8} \times \dfrac{2}{5} =$

8 $\dfrac{1}{2} \times \dfrac{12}{6} =$

9 $\dfrac{5}{6} \times \dfrac{5}{8} =$

10 $\dfrac{7}{4} \times \dfrac{6}{4} =$

11 $\dfrac{4}{7} \times \dfrac{2}{5} =$

12 $\dfrac{4}{8} \times \dfrac{9}{8} =$

13 $\dfrac{1}{7} \times \dfrac{1}{4} =$

14 $\dfrac{4}{10} \times \dfrac{5}{5} =$

15 $\dfrac{4}{3} \times \dfrac{7}{8} =$

16 $\dfrac{9}{9} \times \dfrac{2}{9} =$

17 $\dfrac{0}{4} \times \dfrac{3}{8} =$

18 $\dfrac{7}{5} \times \dfrac{7}{12} =$

Math Antics®
Worksheets

Multiplying Fractions - Set 2

Instructions: Use the procedure you learned in the video to multiply these fractions. The 'dot' multiplication symbol is used in some problems. You do **not** need to simplify your answers.

1 $\dfrac{4}{6} \times \dfrac{4}{5} = \dfrac{16}{30}$

2 $\dfrac{3}{4} \times \dfrac{4}{6} =$

3 $\dfrac{5}{6} \times \dfrac{2}{6} =$

4 $\dfrac{4}{7} \times \dfrac{1}{8} =$

5 $\dfrac{4}{7} \times \dfrac{5}{3} =$

6 $\dfrac{6}{10} \cdot \dfrac{9}{7} =$

7 $\dfrac{7}{6} \times \dfrac{5}{8} =$

8 $\dfrac{5}{3} \times \dfrac{3}{5} =$

9 $\dfrac{3}{10} \times \dfrac{3}{4} =$

10 $\dfrac{9}{5} \times \dfrac{1}{10} =$

11 $\dfrac{1}{8} \cdot \dfrac{10}{5} =$

12 $\dfrac{5}{8} \cdot \dfrac{5}{4} =$

13 $\dfrac{2}{8} \times \dfrac{8}{2} =$

14 $\dfrac{3}{7} \cdot \dfrac{4}{7} =$

15 $\dfrac{10}{11} \cdot \dfrac{3}{4} =$

16 $\dfrac{10}{15} \times \dfrac{1}{2} =$

17 $\dfrac{2}{3} \cdot \dfrac{9}{12} =$

18 $\dfrac{1}{10} \cdot \dfrac{1}{10} =$

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Name: _____

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With Fractions, "of" Means "times"

Instructions: Solve these problems. Remember, the word "of" is a hint that you need to multiply the fractions together. You do **not** need to simplify your answers.

1 what is $\frac{1}{2}$ of $\frac{3}{4}$ $= \frac{3}{8}$

2 find $\frac{2}{3}$ of $\frac{3}{5}$ _____

3 what is $\frac{1}{2}$ of $\frac{1}{4}$ _____

4 find $\frac{1}{4}$ of $\frac{11}{12}$ _____

5 what is $\frac{1}{2}$ of $\frac{4}{5}$ _____

6 find $\frac{7}{8}$ of $\frac{8}{7}$ _____

7 what is $\frac{3}{4}$ of $\frac{2}{5}$ _____

8 find $\frac{1}{5}$ of $\frac{9}{7}$ _____

9 what is $\frac{4}{5}$ of $\frac{7}{8}$ _____

10 find $\frac{5}{8}$ of $\frac{1}{3}$ _____

11 what is $\frac{1}{2}$ of $\frac{3}{10}$ _____

12 find $\frac{1}{10}$ of $\frac{3}{7}$ _____

13 what is $\frac{3}{4}$ of $\frac{3}{4}$ _____

14 find $\frac{2}{6}$ of $\frac{1}{8}$ _____

15 what is $\frac{6}{10}$ of $\frac{4}{5}$ _____

16 find $\frac{5}{6}$ of $\frac{3}{4}$ _____

Multiplying Three or More Fractions

Instructions: Use the procedure you learned in the video to multiply these fractions together. You do **not** need to simplify your answers.

1 $\dfrac{2}{3} \times \dfrac{4}{5} \times \dfrac{1}{3} = \dfrac{8}{45}$

2 $\dfrac{1}{2} \times \dfrac{2}{3} \times \dfrac{3}{4} =$

3 $\dfrac{1}{2} \times \dfrac{1}{2} \times \dfrac{1}{2} \times \dfrac{2}{3} =$

4 $\dfrac{3}{4} \times \dfrac{1}{2} \times \dfrac{3}{4} \times \dfrac{1}{2} =$

5 $\dfrac{2}{5} \times \dfrac{2}{6} \times \dfrac{2}{1} =$

6 $\dfrac{7}{10} \times \dfrac{5}{10} \times \dfrac{1}{2} =$

7 $\dfrac{1}{2} \times \dfrac{1}{2} \times \dfrac{1}{2} \times \dfrac{1}{2} =$

8 $\dfrac{1}{3} \cdot \dfrac{1}{3} \cdot \dfrac{1}{3} \cdot \dfrac{1}{3} =$

9 $\dfrac{1}{3} \times \dfrac{3}{4} \times \dfrac{1}{2} \times \dfrac{2}{2} \times \dfrac{5}{1} =$

10 $\dfrac{3}{4} \cdot \dfrac{2}{5} \cdot \dfrac{3}{4} =$

11 $\dfrac{5}{3} \cdot \dfrac{2}{3} \cdot \dfrac{0}{7} =$

12 $\dfrac{5}{2} \times \dfrac{2}{7} \times \dfrac{1}{2} \times \dfrac{5}{1} =$

13 $\dfrac{3}{2} \times \dfrac{1}{2} \times \dfrac{4}{5} \times \dfrac{3}{5} =$

14 $\dfrac{1}{2} \times \dfrac{1}{2} \times \dfrac{1}{2} \times \dfrac{1}{2} \times \dfrac{1}{2} =$

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Math Antics Worksheets

Multiplying a Fraction by a Whole Number

F-MUL 5

Instructions: Multiply the fraction and the whole number. You do **not** need to simplify your answers.

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

same as 2 over 1

2 $3 \times \dfrac{5}{7} =$

3 $5 \times \dfrac{1}{2} =$

4 $\dfrac{5}{6} \times 5 =$

5 $2 \times \dfrac{5}{12} =$

6 $10 \times \dfrac{1}{3} =$

7 $\dfrac{4}{5} \times 6 =$

8 $\dfrac{8}{45} \times 3 =$

9 $7 \times \dfrac{5}{24} =$

10 $\dfrac{6}{21} \times 6 =$

11 $\dfrac{2}{5} \times 2 =$

12 $2 \times \dfrac{6}{11} =$

13 $\dfrac{7}{32} \times 3 =$

14 $7 \times \dfrac{8}{30} =$

15 $0 \times \dfrac{5}{8} =$

16 $\dfrac{9}{99} \times 9 =$