

## Multiplying and Dividing Fractions



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Multiply the fractions and simplify if needed.

1)  $\frac{9}{9} \times \frac{11}{15} =$

2)  $\frac{3}{5} \times \frac{13}{15} =$

3)  $\frac{5}{3} \times \frac{13}{11} =$

4)  $\frac{9}{7} \times \frac{6}{5} =$

5)  $\frac{6}{10} \times \frac{4}{7} =$

6)  $\frac{9}{7} \times \frac{15}{18} =$

7)  $\frac{4}{5} \times \frac{6}{4} =$

8)  $\frac{2}{2} \times \frac{8}{4} =$

9)  $\frac{4}{6} \times \frac{18}{17} =$

10)  $\frac{5}{3} \times \frac{5}{4} =$

11)  $\frac{8}{10} \times \frac{7}{1} =$

12)  $\frac{8}{2} \times \frac{17}{13} =$

13)  $\frac{2}{3} \times \frac{4}{1} =$

14)  $\frac{3}{4} \times \frac{11}{12} =$

15)  $\frac{8}{6} \times \frac{15}{17} =$



Dividing fractions. Then simplify.

1)  $\frac{8}{8} \div \frac{7}{2} =$

2)  $\frac{6}{9} \div \frac{8}{4} =$

3)  $\frac{6}{4} \div \frac{7}{6} =$

4)  $\frac{5}{4} \div \frac{3}{6} =$

5)  $\frac{7}{9} \div \frac{1}{8} =$

6)  $\frac{8}{2} \div \frac{5}{5} =$

7)  $\frac{9}{8} \div \frac{5}{4} =$

8)  $\frac{8}{4} \div \frac{8}{7} =$

9)  $\frac{7}{4} \div \frac{3}{1} =$

10)  $\frac{9}{5} \div \frac{2}{3} =$

11)  $\frac{3}{4} \div \frac{2}{1} =$

12)  $\frac{3}{3} \div \frac{3}{3} =$

13)  $\frac{8}{6} \div \frac{6}{7} =$

14)  $\frac{2}{5} \div \frac{1}{7} =$

15)  $\frac{6}{7} \div \frac{5}{6} =$

16)  $\frac{2}{2} \div \frac{8}{1} =$

17)  $\frac{3}{5} \div \frac{6}{3} =$

18)  $\frac{8}{10} \div \frac{8}{3} =$

## Answers of Multiplying and Dividing Fractions



Multiply the fractions and simplify if needed.

$$1) \frac{9}{9} \times \frac{11}{15} = \frac{11}{15}$$

$$2) \frac{3}{5} \times \frac{13}{15} = \frac{13}{25}$$

$$3) \frac{5}{3} \times \frac{13}{11} = \frac{65}{33}$$

$$4) \frac{9}{7} \times \frac{6}{5} = \frac{54}{35}$$

$$5) \frac{6}{10} \times \frac{4}{7} = \frac{12}{35}$$

$$6) \frac{9}{7} \times \frac{15}{18} = \frac{15}{14}$$

$$7) \frac{4}{5} \times \frac{6}{4} = \frac{6}{5}$$

$$8) \frac{2}{2} \times \frac{8}{4} = \frac{2}{1}$$

$$9) \frac{4}{6} \times \frac{18}{17} = \frac{12}{17}$$

$$10) \frac{5}{3} \times \frac{5}{4} = \frac{25}{12}$$

$$11) \frac{8}{10} \times \frac{7}{1} = \frac{28}{5}$$

$$12) \frac{8}{2} \times \frac{17}{13} = \frac{68}{13}$$

$$13) \frac{2}{3} \times \frac{4}{1} = \frac{8}{3}$$

$$14) \frac{3}{4} \times \frac{11}{12} = \frac{11}{16}$$

$$15) \frac{8}{6} \times \frac{15}{17} = \frac{20}{17}$$



Dividing fractions. Then simplify.

$$1) \frac{8}{8} \div \frac{7}{2} = \frac{2}{7}$$

$$2) \frac{6}{9} \div \frac{8}{4} = \frac{1}{3}$$

$$3) \frac{6}{4} \div \frac{7}{6} = \frac{9}{7}$$

$$4) \frac{5}{4} \div \frac{3}{6} = \frac{5}{2}$$

$$5) \frac{7}{9} \div \frac{1}{8} = \frac{56}{9}$$

$$6) \frac{8}{2} \div \frac{5}{5} = \frac{4}{1}$$

$$7) \frac{9}{8} \div \frac{5}{4} = \frac{9}{10}$$

$$8) \frac{8}{4} \div \frac{8}{7} = \frac{7}{4}$$

$$9) \frac{7}{4} \div \frac{3}{1} = \frac{7}{12}$$

$$10) \frac{9}{5} \div \frac{2}{3} = \frac{27}{10}$$

$$11) \frac{3}{4} \div \frac{2}{1} = \frac{3}{8}$$

$$12) \frac{3}{3} \div \frac{3}{3} = \frac{1}{1} = 1$$

$$13) \frac{8}{6} \div \frac{6}{7} = \frac{14}{9}$$

$$14) \frac{2}{5} \div \frac{1}{7} = \frac{14}{5}$$

$$15) \frac{6}{7} \div \frac{5}{6} = \frac{36}{35}$$

$$16) \frac{2}{2} \div \frac{8}{1} = \frac{1}{8}$$

$$17) \frac{3}{5} \div \frac{6}{3} = \frac{3}{10}$$

$$18) \frac{8}{10} \div \frac{8}{3} = \frac{3}{10}$$