

# Multiplying and Dividing Fractions



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Multiply the fractions and simplify if needed.

1)  $\frac{5}{10} \times \frac{11}{14} =$

2)  $\frac{5}{9} \times \frac{16}{14} =$

3)  $\frac{9}{9} \times \frac{4}{4} =$

4)  $\frac{10}{8} \times \frac{15}{10} =$

5)  $\frac{8}{9} \times \frac{2}{1} =$

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

7)  $\frac{3}{10} \times \frac{11}{17} =$

8)  $\frac{8}{7} \times \frac{3}{2} =$

9)  $\frac{2}{4} \times \frac{12}{18} =$

10)  $\frac{5}{8} \times \frac{8}{5} =$

11)  $\frac{8}{7} \times \frac{15}{15} =$

12)  $\frac{4}{2} \times \frac{2}{5} =$

13)  $\frac{7}{2} \times \frac{2}{7} =$

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

15)  $\frac{6}{3} \times \frac{14}{18} =$

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

17)  $\frac{4}{8} \times \frac{13}{12} =$

18)  $\frac{4}{4} \times \frac{18}{16} =$

19)  $\frac{8}{8} \times \frac{13}{15} =$

20)  $\frac{7}{3} \times \frac{1}{1} =$

21)  $\frac{2}{8} \times \frac{2}{3} =$



Dividing fractions. Then simplify.

1)  $\frac{2}{10} \div \frac{7}{6} =$

2)  $\frac{5}{3} \div \frac{8}{2} =$

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

4)  $\frac{7}{7} \div \frac{5}{3} =$

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

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

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

8)  $\frac{3}{7} \div \frac{3}{1} =$

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

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

11)  $\frac{10}{3} \div \frac{2}{8} =$

12)  $\frac{6}{6} \div \frac{6}{3} =$

13)  $\frac{4}{4} \div \frac{3}{3} =$

14)  $\frac{7}{5} \div \frac{7}{3} =$

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

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

17)  $\frac{4}{6} \div \frac{7}{2} =$

18)  $\frac{9}{2} \div \frac{8}{3} =$

19)  $\frac{3}{2} \div \frac{3}{6} =$

20)  $\frac{2}{9} \div \frac{5}{7} =$

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

# Answers of Multiplying and Dividing Fractions



Multiply the fractions and simplify if needed.

$$1) \frac{5}{10} \times \frac{11}{14} = \frac{11}{28}$$

$$2) \frac{5}{9} \times \frac{16}{14} = \frac{40}{63}$$

$$3) \frac{9}{9} \times \frac{4}{4} = \frac{1}{1} = 1$$

$$4) \frac{10}{8} \times \frac{15}{10} = \frac{15}{8}$$

$$5) \frac{8}{9} \times \frac{2}{1} = \frac{16}{9}$$

$$6) \frac{7}{9} \times \frac{7}{6} = \frac{49}{54}$$

$$7) \frac{3}{10} \times \frac{11}{17} = \frac{33}{170}$$

$$8) \frac{8}{7} \times \frac{3}{2} = \frac{12}{7}$$

$$9) \frac{2}{4} \times \frac{12}{18} = \frac{1}{3}$$

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

$$11) \frac{8}{7} \times \frac{15}{15} = \frac{8}{7}$$

$$12) \frac{4}{2} \times \frac{2}{5} = \frac{4}{5}$$

$$13) \frac{7}{2} \times \frac{2}{7} = \frac{1}{1} = 1$$

$$14) \frac{4}{5} \times \frac{6}{4} = \frac{6}{5}$$

$$15) \frac{6}{3} \times \frac{14}{18} = \frac{14}{9}$$

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

$$17) \frac{4}{8} \times \frac{13}{12} = \frac{13}{24}$$

$$18) \frac{4}{4} \times \frac{18}{16} = \frac{9}{8}$$

$$19) \frac{8}{8} \times \frac{13}{15} = \frac{13}{15}$$

$$20) \frac{7}{3} \times \frac{1}{1} = \frac{7}{3}$$

$$21) \frac{2}{8} \times \frac{2}{3} = \frac{1}{6}$$



Dividing fractions. Then simplify.

$$1) \frac{2}{10} \div \frac{7}{6} = \frac{6}{35}$$

$$2) \frac{5}{3} \div \frac{8}{2} = \frac{5}{12}$$

$$3) \frac{8}{3} \div \frac{8}{3} = \frac{1}{1} = 1$$

$$4) \frac{7}{7} \div \frac{5}{3} = \frac{3}{5}$$

$$5) \frac{3}{10} \div \frac{6}{3} = \frac{3}{20}$$

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

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

$$8) \frac{3}{7} \div \frac{3}{1} = \frac{1}{7}$$

$$9) \frac{5}{6} \div \frac{5}{2} = \frac{1}{3}$$

$$10) \frac{9}{6} \div \frac{8}{4} = \frac{3}{4}$$

$$11) \frac{10}{3} \div \frac{2}{8} = \frac{40}{3}$$

$$12) \frac{6}{6} \div \frac{6}{3} = \frac{1}{2}$$

$$13) \frac{4}{4} \div \frac{3}{3} = \frac{1}{1} = 1$$

$$14) \frac{7}{5} \div \frac{7}{3} = \frac{3}{5}$$

$$15) \frac{3}{6} \div \frac{4}{7} = \frac{7}{8}$$

$$16) \frac{2}{4} \div \frac{8}{1} = \frac{1}{16}$$

$$17) \frac{4}{6} \div \frac{7}{2} = \frac{4}{21}$$

$$18) \frac{9}{2} \div \frac{8}{3} = \frac{27}{16}$$

$$19) \frac{3}{2} \div \frac{3}{6} = \frac{3}{1}$$

$$20) \frac{2}{9} \div \frac{5}{7} = \frac{14}{45}$$

$$21) \frac{3}{4} \div \frac{2}{1} = \frac{3}{8}$$