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