

Multiplying Fractions

ANSWER KEY

1

$$\frac{2}{3} \times \frac{3}{5} = \frac{6}{15} = \frac{2}{5}$$

7

$$\frac{25}{27} \times \frac{2}{3} = \frac{50}{81}$$

2

$$\frac{1}{5} \times \frac{3}{2} = \frac{3}{10}$$

8

$$\frac{1}{2} \times \frac{9}{11} = \frac{9}{22}$$

3

$$\frac{5}{2} \times \frac{10}{7} = \frac{50}{14} = \frac{25}{7} = 3\frac{4}{7}$$

9

$$\frac{30}{42} \times \frac{5}{6} = \frac{25}{42}$$

4

$$\frac{20}{25} \times \frac{5}{25} = \frac{100}{625} = \frac{4}{25}$$

10

$$\frac{75}{100} \times \frac{5}{25} = \frac{375}{2,500} = \frac{3}{20}$$

5

$$\frac{12}{5} \times \frac{5}{6} = \frac{60}{30} = 2$$

11

$$\frac{4}{7} \times \frac{3}{7} = \frac{12}{49}$$

6

$$\frac{75}{50} \times \frac{20}{50} = \frac{1,500}{2,500} = \frac{3}{5}$$

12

$$\frac{100}{30} \times \frac{2}{33} = \frac{200}{990} = \frac{20}{99}$$



Dividing Fractions

ANSWER KEY

1

$$\frac{2}{10} \div \frac{3}{5} = \frac{1}{3}$$

7

$$\frac{25}{27} \div \frac{4}{3} = \frac{25}{36}$$

2

$$\frac{1}{5} \div \frac{3}{2} = \frac{2}{15}$$

8

$$\frac{1}{2} \div \frac{9}{11} = \frac{11}{18}$$

3

$$\frac{5}{2} \div \frac{10}{7} = \frac{7}{4}$$

9

$$\frac{30}{42} \div \frac{5}{6} = \frac{6}{7}$$

4

$$\frac{7}{25} \div \frac{13}{25} = \frac{7}{13}$$

10

$$\frac{20}{125} \div \frac{5}{25} = \frac{4}{5}$$

5

$$\frac{36}{5} \div \frac{6}{5} = 6$$

11

$$\frac{12}{13} \div \frac{9}{7} = \frac{28}{39}$$

6

$$\frac{75}{19} \div \frac{100}{19} = \frac{3}{4}$$

12

$$\frac{100}{60} \div \frac{2}{30} = 25$$



Multiplying and Dividing Fractions

ANSWER KEY

1

$$\frac{2}{3} \times \frac{3}{5} \div \frac{3}{4} = \frac{8}{15}$$

7

$$\frac{25}{3} \times \frac{3}{3} \div \frac{10}{3} = \frac{25}{10} = \frac{5}{2}$$

2

$$\frac{13}{15} \times \frac{8}{11} \div \frac{5}{3} = \frac{104}{275}$$

8

$$\frac{1}{2} \times \frac{60}{85} \div \frac{55}{85} = \frac{50}{110} = \frac{6}{11}$$

3

$$\frac{5}{2} \div \frac{10}{7} \times \frac{3}{2} = \frac{21}{8} = 2\frac{5}{8}$$

9

$$\frac{30}{42} \div \frac{25}{6} \div \frac{5}{6} = \frac{36}{175}$$

4

$$\frac{12}{25} \div \frac{8}{25} \times \frac{5}{7} = \frac{15}{14} = 1\frac{1}{14}$$

10

$$\frac{85}{100} \div \frac{5}{25} \times \frac{18}{19} = \frac{306}{76} = \frac{153}{38}$$

5

$$\frac{12}{5} \times \frac{5}{8} \times \frac{8}{3} = 4$$

11

$$\frac{4}{7} \times \frac{3}{7} \div \frac{1}{3} = \frac{36}{49}$$

6

$$\frac{75}{50} \div \frac{20}{50} \times \frac{10}{17} = \frac{75}{34} = 2\frac{7}{34}$$

12

$$\frac{100}{30} \times \frac{2}{33} \times \frac{7}{2} = \frac{70}{99}$$



Multiplying and Dividing Fractions

ANSWER KEY

1

$$\frac{3}{7} \times \frac{5}{2} \div \frac{3}{2} = \frac{5}{7}$$

7

$$\frac{35}{3} \times \frac{3}{3} \div \frac{10}{3} = \frac{35}{10} = \frac{7}{2}$$

2

$$\frac{15}{17} \times \frac{9}{13} \div \frac{2}{3} = \frac{405}{442}$$

8

$$\frac{1}{2} \times \frac{40}{75} \div \frac{40}{25} = \frac{25}{150} = \frac{1}{6}$$

3

$$\frac{5}{2} \div \frac{10}{14} \times \frac{3}{2} = \frac{21}{4}$$

9

$$\frac{20}{48} \div \frac{25}{5} \div \frac{1}{8} = \frac{2}{3}$$

4

$$\frac{32}{50} \div \frac{16}{50} \times \frac{15}{7} = \frac{30}{7} = 4\frac{2}{7}$$

10

$$\frac{60}{120} \div \frac{5}{30} \times \frac{18}{14} = \frac{27}{7} = 3\frac{6}{7}$$

5

$$\frac{75}{9} \times \frac{9}{7} \times \frac{7}{15} = 5$$

11

$$\frac{4}{9} \times \frac{3}{9} \div \frac{7}{9} = \frac{12}{63} = \frac{4}{21}$$

6

$$\frac{85}{30} \div \frac{40}{30} \times \frac{10}{13} = \frac{85}{52} = 1\frac{33}{52}$$

12

$$\frac{160}{30} \times \frac{2}{15} \times \frac{5}{2} = \frac{16}{9} = 1\frac{7}{9}$$

