

Multiplying and Dividing Fractions (A)

Find the value of each expression in lowest terms.

1. $\frac{1}{2} \times \frac{5}{4}$

6. $\frac{1}{4} \times \frac{5}{3}$

11. $\frac{10}{3} \times \frac{11}{6}$

2. $\frac{1}{6} \div \frac{8}{11}$

7. $\frac{11}{2} \div \frac{1}{2}$

12. $\frac{1}{2} \div \frac{1}{2}$

3. $\frac{1}{3} \div \frac{13}{9}$

8. $\frac{4}{3} \div \frac{11}{12}$

13. $\frac{14}{9} \times \frac{7}{10}$

4. $\frac{13}{4} \div \frac{1}{2}$

9. $\frac{1}{3} \times \frac{20}{9}$

14. $\frac{15}{8} \times \frac{7}{6}$

5. $\frac{17}{6} \div \frac{3}{5}$

10. $\frac{13}{7} \times \frac{14}{11}$

15. $\frac{3}{2} \div \frac{4}{9}$

Multiplying and Dividing Fractions (A) Answers

Find the value of each expression in lowest terms.

$$1. \frac{1}{2} \times \frac{5}{4} \\ = \frac{5}{8}$$

$$6. \frac{1}{4} \times \frac{5}{3} \\ = \frac{5}{12}$$

$$11. \frac{10}{3} \times \frac{11}{6} \\ = \frac{55}{9} = 6\frac{1}{9}$$

$$2. \frac{1}{6} \div \frac{8}{11} \\ = \frac{11}{48}$$

$$7. \frac{11}{2} \div \frac{1}{2} \\ = 11$$

$$12. \frac{1}{2} \div \frac{1}{2} \\ = 1$$

$$3. \frac{1}{3} \div \frac{13}{9} \\ = \frac{3}{13}$$

$$8. \frac{4}{3} \div \frac{11}{12} \\ = \frac{16}{11} = 1\frac{5}{11}$$

$$13. \frac{14}{9} \times \frac{7}{10} \\ = \frac{49}{45} = 1\frac{4}{45}$$

$$4. \frac{13}{4} \div \frac{1}{2} \\ = \frac{13}{2} = 6\frac{1}{2}$$

$$9. \frac{1}{3} \times \frac{20}{9} \\ = \frac{20}{27}$$

$$14. \frac{15}{8} \times \frac{7}{6} \\ = \frac{35}{16} = 2\frac{3}{16}$$

$$5. \frac{17}{6} \div \frac{3}{5} \\ = \frac{85}{18} = 4\frac{13}{18}$$

$$10. \frac{13}{7} \times \frac{14}{11} \\ = \frac{26}{11} = 2\frac{4}{11}$$

$$15. \frac{3}{2} \div \frac{4}{9} \\ = \frac{27}{8} = 3\frac{3}{8}$$

Multiplying and Dividing Fractions (B)

Find the value of each expression in lowest terms.

1. $\frac{7}{2} \times \frac{3}{5}$

6. $\frac{4}{11} \times \frac{7}{4}$

11. $\frac{7}{2} \times \frac{6}{7}$

2. $\frac{1}{5} \times \frac{23}{3}$

7. $\frac{5}{4} \div \frac{9}{11}$

12. $\frac{11}{6} \div \frac{11}{4}$

3. $\frac{4}{7} \times \frac{11}{6}$

8. $\frac{3}{2} \div \frac{9}{7}$

13. $\frac{17}{6} \div \frac{7}{8}$

4. $\frac{12}{7} \times \frac{2}{3}$

9. $\frac{3}{2} \div \frac{10}{3}$

14. $\frac{5}{6} \div \frac{19}{12}$

5. $\frac{8}{3} \times \frac{2}{3}$

10. $\frac{1}{4} \div \frac{4}{3}$

15. $\frac{13}{3} \div \frac{13}{8}$

Multiplying and Dividing Fractions (B) Answers

Find the value of each expression in lowest terms.

$$1. \frac{7}{2} \times \frac{3}{5} \\ = \frac{21}{10} = 2\frac{1}{10}$$

$$6. \frac{4}{11} \times \frac{7}{4} \\ = \frac{7}{11}$$

$$11. \frac{7}{2} \times \frac{6}{7} \\ = 3$$

$$2. \frac{1}{5} \times \frac{23}{3} \\ = \frac{23}{15} = 1\frac{8}{15}$$

$$7. \frac{5}{4} \div \frac{9}{11} \\ = \frac{55}{36} = 1\frac{19}{36}$$

$$12. \frac{11}{6} \div \frac{11}{4} \\ = \frac{2}{3}$$

$$3. \frac{4}{7} \times \frac{11}{6} \\ = \frac{22}{21} = 1\frac{1}{21}$$

$$8. \frac{3}{2} \div \frac{9}{7} \\ = \frac{7}{6} = 1\frac{1}{6}$$

$$13. \frac{17}{6} \div \frac{7}{8} \\ = \frac{68}{21} = 3\frac{5}{21}$$

$$4. \frac{12}{7} \times \frac{2}{3} \\ = \frac{8}{7} = 1\frac{1}{7}$$

$$9. \frac{3}{2} \div \frac{10}{3} \\ = \frac{9}{20}$$

$$14. \frac{5}{6} \div \frac{19}{12} \\ = \frac{10}{19}$$

$$5. \frac{8}{3} \times \frac{2}{3} \\ = \frac{16}{9} = 1\frac{7}{9}$$

$$10. \frac{1}{4} \div \frac{4}{3} \\ = \frac{3}{16}$$

$$15. \frac{13}{3} \div \frac{13}{8} \\ = \frac{8}{3} = 2\frac{2}{3}$$

Multiplying and Dividing Fractions (C)

Find the value of each expression in lowest terms.

1. $\frac{1}{2} \div \frac{3}{4}$

6. $\frac{5}{4} \div \frac{9}{10}$

11. $\frac{3}{2} \div \frac{24}{11}$

2. $\frac{15}{7} \div \frac{3}{8}$

7. $\frac{7}{5} \times \frac{1}{2}$

12. $\frac{11}{4} \div \frac{10}{9}$

3. $\frac{10}{9} \times \frac{19}{10}$

8. $\frac{1}{11} \times \frac{11}{5}$

13. $\frac{11}{8} \times \frac{4}{9}$

4. $\frac{20}{7} \div \frac{1}{3}$

9. $\frac{7}{2} \times \frac{6}{11}$

14. $\frac{19}{6} \times \frac{6}{5}$

5. $\frac{11}{4} \times \frac{3}{2}$

10. $\frac{13}{2} \div \frac{18}{5}$

15. $\frac{5}{11} \div \frac{19}{11}$

Multiplying and Dividing Fractions (C) Answers

Find the value of each expression in lowest terms.

$$1. \frac{1}{2} \div \frac{3}{4} \\ = \frac{2}{3}$$

$$6. \frac{5}{4} \div \frac{9}{10} \\ = \frac{25}{18} = 1\frac{7}{18}$$

$$11. \frac{3}{2} \div \frac{24}{11} \\ = \frac{11}{16}$$

$$2. \frac{15}{7} \div \frac{3}{8} \\ = \frac{40}{7} = 5\frac{5}{7}$$

$$7. \frac{7}{5} \times \frac{1}{2} \\ = \frac{7}{10}$$

$$12. \frac{11}{4} \div \frac{10}{9} \\ = \frac{99}{40} = 2\frac{19}{40}$$

$$3. \frac{10}{9} \times \frac{19}{10} \\ = \frac{19}{9} = 2\frac{1}{9}$$

$$8. \frac{1}{11} \times \frac{11}{5} \\ = \frac{1}{5}$$

$$13. \frac{11}{8} \times \frac{4}{9} \\ = \frac{11}{18}$$

$$4. \frac{20}{7} \div \frac{1}{3} \\ = \frac{60}{7} = 8\frac{4}{7}$$

$$9. \frac{7}{2} \times \frac{6}{11} \\ = \frac{21}{11} = 1\frac{10}{11}$$

$$14. \frac{19}{6} \times \frac{6}{5} \\ = \frac{19}{5} = 3\frac{4}{5}$$

$$5. \frac{11}{4} \times \frac{3}{2} \\ = \frac{33}{8} = 4\frac{1}{8}$$

$$10. \frac{13}{2} \div \frac{18}{5} \\ = \frac{65}{36} = 1\frac{29}{36}$$

$$15. \frac{5}{11} \div \frac{19}{11} \\ = \frac{5}{19}$$

Multiplying and Dividing Fractions (D)

Find the value of each expression in lowest terms.

1. $\frac{7}{4} \times \frac{11}{6}$

6. $\frac{20}{11} \div \frac{20}{3}$

11. $\frac{20}{7} \times \frac{17}{5}$

2. $\frac{1}{3} \times \frac{3}{7}$

7. $\frac{4}{5} \times \frac{13}{12}$

12. $\frac{4}{3} \div \frac{5}{7}$

3. $\frac{1}{4} \times \frac{5}{2}$

8. $\frac{9}{2} \div \frac{6}{11}$

13. $\frac{4}{5} \div \frac{7}{9}$

4. $\frac{21}{4} \times \frac{1}{6}$

9. $\frac{22}{3} \div \frac{1}{2}$

14. $\frac{7}{2} \times \frac{2}{3}$

5. $\frac{17}{5} \times \frac{1}{4}$

10. $\frac{7}{4} \times \frac{18}{11}$

15. $\frac{23}{2} \div \frac{5}{2}$

Multiplying and Dividing Fractions (D) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & \frac{7}{4} \times \frac{11}{6} \\ & = \frac{77}{24} = 3\frac{5}{24} \end{aligned}$$

$$\begin{aligned} 6. \quad & \frac{20}{11} \div \frac{20}{3} \\ & = \frac{3}{11} \end{aligned}$$

$$\begin{aligned} 11. \quad & \frac{20}{7} \times \frac{17}{5} \\ & = \frac{68}{7} = 9\frac{5}{7} \end{aligned}$$

$$\begin{aligned} 2. \quad & \frac{1}{3} \times \frac{3}{7} \\ & = \frac{1}{7} \end{aligned}$$

$$\begin{aligned} 7. \quad & \frac{4}{5} \times \frac{13}{12} \\ & = \frac{13}{15} \end{aligned}$$

$$\begin{aligned} 12. \quad & \frac{4}{3} \div \frac{5}{7} \\ & = \frac{28}{15} = 1\frac{13}{15} \end{aligned}$$

$$\begin{aligned} 3. \quad & \frac{1}{4} \times \frac{5}{2} \\ & = \frac{5}{8} \end{aligned}$$

$$\begin{aligned} 8. \quad & \frac{9}{2} \div \frac{6}{11} \\ & = \frac{33}{4} = 8\frac{1}{4} \end{aligned}$$

$$\begin{aligned} 13. \quad & \frac{4}{5} \div \frac{7}{9} \\ & = \frac{36}{35} = 1\frac{1}{35} \end{aligned}$$

$$\begin{aligned} 4. \quad & \frac{21}{4} \times \frac{1}{6} \\ & = \frac{7}{8} \end{aligned}$$

$$\begin{aligned} 9. \quad & \frac{22}{3} \div \frac{1}{2} \\ & = \frac{44}{3} = 14\frac{2}{3} \end{aligned}$$

$$\begin{aligned} 14. \quad & \frac{7}{2} \times \frac{2}{3} \\ & = \frac{7}{3} = 2\frac{1}{3} \end{aligned}$$

$$\begin{aligned} 5. \quad & \frac{17}{5} \times \frac{1}{4} \\ & = \frac{17}{20} \end{aligned}$$

$$\begin{aligned} 10. \quad & \frac{7}{4} \times \frac{18}{11} \\ & = \frac{63}{22} = 2\frac{19}{22} \end{aligned}$$

$$\begin{aligned} 15. \quad & \frac{23}{2} \div \frac{5}{2} \\ & = \frac{23}{5} = 4\frac{3}{5} \end{aligned}$$

Multiplying and Dividing Fractions (E)

Find the value of each expression in lowest terms.

1. $\frac{1}{9} \div \frac{3}{11}$

6. $\frac{22}{9} \times \frac{6}{11}$

11. $\frac{14}{11} \div \frac{3}{7}$

2. $\frac{12}{5} \div \frac{3}{2}$

7. $\frac{4}{5} \times \frac{9}{8}$

12. $\frac{1}{5} \div \frac{1}{2}$

3. $\frac{19}{5} \times \frac{1}{8}$

8. $\frac{1}{2} \times \frac{11}{9}$

13. $\frac{11}{2} \times \frac{2}{7}$

4. $\frac{20}{11} \times \frac{23}{10}$

9. $\frac{19}{8} \div \frac{19}{5}$

14. $\frac{3}{4} \times \frac{5}{4}$

5. $\frac{1}{2} \div \frac{24}{5}$

10. $\frac{7}{4} \times \frac{9}{4}$

15. $\frac{1}{6} \times \frac{5}{2}$

Multiplying and Dividing Fractions (E) Answers

Find the value of each expression in lowest terms.

$$1. \frac{1}{9} \div \frac{3}{11} \\ = \frac{11}{27}$$

$$6. \frac{22}{9} \times \frac{6}{11} \\ = \frac{4}{3} = 1\frac{1}{3}$$

$$11. \frac{14}{11} \div \frac{3}{7} \\ = \frac{98}{33} = 2\frac{32}{33}$$

$$2. \frac{12}{5} \div \frac{3}{2} \\ = \frac{8}{5} = 1\frac{3}{5}$$

$$7. \frac{4}{5} \times \frac{9}{8} \\ = \frac{9}{10}$$

$$12. \frac{1}{5} \div \frac{1}{2} \\ = \frac{2}{5}$$

$$3. \frac{19}{5} \times \frac{1}{8} \\ = \frac{19}{40}$$

$$8. \frac{1}{2} \times \frac{11}{9} \\ = \frac{11}{18}$$

$$13. \frac{11}{2} \times \frac{2}{7} \\ = \frac{11}{7} = 1\frac{4}{7}$$

$$4. \frac{20}{11} \times \frac{23}{10} \\ = \frac{46}{11} = 4\frac{2}{11}$$

$$9. \frac{19}{8} \div \frac{19}{5} \\ = \frac{5}{8}$$

$$14. \frac{3}{4} \times \frac{5}{4} \\ = \frac{15}{16}$$

$$5. \frac{1}{2} \div \frac{24}{5} \\ = \frac{5}{48}$$

$$10. \frac{7}{4} \times \frac{9}{4} \\ = \frac{63}{16} = 3\frac{15}{16}$$

$$15. \frac{1}{6} \times \frac{5}{2} \\ = \frac{5}{12}$$

Multiplying and Dividing Fractions (F)

Find the value of each expression in lowest terms.

1. $\frac{7}{6} \div \frac{3}{11}$

6. $\frac{1}{3} \div \frac{1}{5}$

11. $\frac{1}{2} \div \frac{18}{7}$

2. $\frac{7}{2} \div \frac{11}{5}$

7. $\frac{16}{7} \div \frac{1}{7}$

12. $\frac{1}{4} \times \frac{17}{2}$

3. $\frac{3}{5} \times \frac{3}{2}$

8. $\frac{9}{2} \times \frac{3}{11}$

13. $\frac{7}{6} \times \frac{17}{7}$

4. $\frac{19}{6} \times \frac{5}{4}$

9. $\frac{2}{5} \times \frac{22}{9}$

14. $\frac{15}{4} \times \frac{3}{4}$

5. $\frac{1}{10} \times \frac{23}{3}$

10. $\frac{4}{7} \times \frac{13}{3}$

15. $\frac{11}{6} \times \frac{20}{11}$

Multiplying and Dividing Fractions (F) Answers

Find the value of each expression in lowest terms.

$$1. \frac{7}{6} \div \frac{3}{11} \\ = \frac{77}{18} = 4\frac{5}{18}$$

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

$$11. \frac{1}{2} \div \frac{18}{7} \\ = \frac{7}{36}$$

$$2. \frac{7}{2} \div \frac{11}{5} \\ = \frac{35}{22} = 1\frac{13}{22}$$

$$7. \frac{16}{7} \div \frac{1}{7} \\ = 16$$

$$12. \frac{1}{4} \times \frac{17}{2} \\ = \frac{17}{8} = 2\frac{1}{8}$$

$$3. \frac{3}{5} \times \frac{3}{2} \\ = \frac{9}{10}$$

$$8. \frac{9}{2} \times \frac{3}{11} \\ = \frac{27}{22} = 1\frac{5}{22}$$

$$13. \frac{7}{6} \times \frac{17}{7} \\ = \frac{17}{6} = 2\frac{5}{6}$$

$$4. \frac{19}{6} \times \frac{5}{4} \\ = \frac{95}{24} = 3\frac{23}{24}$$

$$9. \frac{2}{5} \times \frac{22}{9} \\ = \frac{44}{45}$$

$$14. \frac{15}{4} \times \frac{3}{4} \\ = \frac{45}{16} = 2\frac{13}{16}$$

$$5. \frac{1}{10} \times \frac{23}{3} \\ = \frac{23}{30}$$

$$10. \frac{4}{7} \times \frac{13}{3} \\ = \frac{52}{21} = 2\frac{10}{21}$$

$$15. \frac{11}{6} \times \frac{20}{11} \\ = \frac{10}{3} = 3\frac{1}{3}$$

Multiplying and Dividing Fractions (G)

Find the value of each expression in lowest terms.

1. $\frac{8}{3} \div \frac{4}{3}$

6. $\frac{1}{5} \div \frac{7}{8}$

11. $\frac{1}{5} \times \frac{9}{5}$

2. $\frac{17}{3} \div \frac{12}{5}$

7. $\frac{1}{2} \div \frac{11}{6}$

12. $\frac{5}{6} \div \frac{5}{4}$

3. $\frac{7}{6} \div \frac{5}{4}$

8. $\frac{6}{11} \div \frac{12}{5}$

13. $\frac{1}{5} \div \frac{8}{9}$

4. $\frac{1}{3} \div \frac{10}{3}$

9. $\frac{5}{4} \div \frac{11}{3}$

14. $\frac{13}{2} \times \frac{4}{5}$

5. $\frac{7}{5} \times \frac{10}{9}$

10. $\frac{6}{5} \times \frac{1}{5}$

15. $\frac{1}{10} \div \frac{21}{5}$

Multiplying and Dividing Fractions (G) Answers

Find the value of each expression in lowest terms.

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

$$6. \frac{1}{5} \div \frac{7}{8} \\ = \frac{8}{35}$$

$$11. \frac{1}{5} \times \frac{9}{5} \\ = \frac{9}{25}$$

$$2. \frac{17}{3} \div \frac{12}{5} \\ = \frac{85}{36} = 2\frac{13}{36}$$

$$7. \frac{1}{2} \div \frac{11}{6} \\ = \frac{3}{11}$$

$$12. \frac{5}{6} \div \frac{5}{4} \\ = \frac{2}{3}$$

$$3. \frac{7}{6} \div \frac{5}{4} \\ = \frac{14}{15}$$

$$8. \frac{6}{11} \div \frac{12}{5} \\ = \frac{5}{22}$$

$$13. \frac{1}{5} \div \frac{8}{9} \\ = \frac{9}{40}$$

$$4. \frac{1}{3} \div \frac{10}{3} \\ = \frac{1}{10}$$

$$9. \frac{5}{4} \div \frac{11}{3} \\ = \frac{15}{44}$$

$$14. \frac{13}{2} \times \frac{4}{5} \\ = \frac{26}{5} = 5\frac{1}{5}$$

$$5. \frac{7}{5} \times \frac{10}{9} \\ = \frac{14}{9} = 1\frac{5}{9}$$

$$10. \frac{6}{5} \times \frac{1}{5} \\ = \frac{6}{25}$$

$$15. \frac{1}{10} \div \frac{21}{5} \\ = \frac{1}{42}$$

Multiplying and Dividing Fractions (H)

Find the value of each expression in lowest terms.

1. $\frac{9}{2} \div \frac{16}{5}$

6. $\frac{17}{2} \div \frac{5}{2}$

11. $\frac{1}{7} \times \frac{7}{2}$

2. $\frac{1}{2} \times \frac{2}{9}$

7. $\frac{14}{5} \div \frac{7}{2}$

12. $\frac{15}{8} \times \frac{1}{2}$

3. $\frac{9}{11} \times \frac{5}{4}$

8. $\frac{5}{4} \times \frac{7}{12}$

13. $\frac{9}{5} \times \frac{7}{4}$

4. $\frac{1}{2} \div \frac{21}{8}$

9. $\frac{3}{2} \div \frac{5}{4}$

14. $\frac{5}{6} \div \frac{7}{6}$

5. $\frac{11}{10} \times \frac{5}{6}$

10. $\frac{2}{3} \times \frac{16}{9}$

15. $\frac{4}{11} \times \frac{1}{4}$

Multiplying and Dividing Fractions (H) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad \frac{9}{2} \div \frac{16}{5} \\ = \frac{45}{32} = 1\frac{13}{32} \end{aligned}$$

$$\begin{aligned} 6. \quad \frac{17}{2} \div \frac{5}{2} \\ = \frac{17}{5} = 3\frac{2}{5} \end{aligned}$$

$$\begin{aligned} 11. \quad \frac{1}{7} \times \frac{7}{2} \\ = \frac{1}{2} \end{aligned}$$

$$\begin{aligned} 2. \quad \frac{1}{2} \times \frac{2}{9} \\ = \frac{1}{9} \end{aligned}$$

$$\begin{aligned} 7. \quad \frac{14}{5} \div \frac{7}{2} \\ = \frac{4}{5} \end{aligned}$$

$$\begin{aligned} 12. \quad \frac{15}{8} \times \frac{1}{2} \\ = \frac{15}{16} \end{aligned}$$

$$\begin{aligned} 3. \quad \frac{9}{11} \times \frac{5}{4} \\ = \frac{45}{44} = 1\frac{1}{44} \end{aligned}$$

$$\begin{aligned} 8. \quad \frac{5}{4} \times \frac{7}{12} \\ = \frac{35}{48} \end{aligned}$$

$$\begin{aligned} 13. \quad \frac{9}{5} \times \frac{7}{4} \\ = \frac{63}{20} = 3\frac{3}{20} \end{aligned}$$

$$\begin{aligned} 4. \quad \frac{1}{2} \div \frac{21}{8} \\ = \frac{4}{21} \end{aligned}$$

$$\begin{aligned} 9. \quad \frac{3}{2} \div \frac{5}{4} \\ = \frac{6}{5} = 1\frac{1}{5} \end{aligned}$$

$$\begin{aligned} 14. \quad \frac{5}{6} \div \frac{7}{6} \\ = \frac{5}{7} \end{aligned}$$

$$\begin{aligned} 5. \quad \frac{11}{10} \times \frac{5}{6} \\ = \frac{11}{12} \end{aligned}$$

$$\begin{aligned} 10. \quad \frac{2}{3} \times \frac{16}{9} \\ = \frac{32}{27} = 1\frac{5}{27} \end{aligned}$$

$$\begin{aligned} 15. \quad \frac{4}{11} \times \frac{1}{4} \\ = \frac{1}{11} \end{aligned}$$

Multiplying and Dividing Fractions (I)

Find the value of each expression in lowest terms.

1. $\frac{13}{8} \div \frac{1}{2}$

6. $\frac{16}{7} \div \frac{3}{5}$

11. $\frac{17}{4} \div \frac{1}{4}$

2. $\frac{10}{11} \times \frac{5}{4}$

7. $\frac{1}{3} \times \frac{4}{11}$

12. $\frac{16}{7} \times \frac{1}{3}$

3. $\frac{7}{10} \div \frac{4}{3}$

8. $\frac{13}{7} \times \frac{5}{3}$

13. $\frac{5}{2} \div \frac{15}{2}$

4. $\frac{7}{2} \div \frac{1}{9}$

9. $\frac{9}{4} \div \frac{13}{8}$

14. $\frac{16}{11} \times \frac{7}{6}$

5. $\frac{11}{7} \div \frac{3}{2}$

10. $\frac{4}{5} \times \frac{18}{7}$

15. $\frac{23}{6} \div \frac{5}{9}$

Multiplying and Dividing Fractions (I) Answers

Find the value of each expression in lowest terms.

$$1. \frac{13}{8} \div \frac{1}{2} \\ = \frac{13}{4} = 3\frac{1}{4}$$

$$6. \frac{16}{7} \div \frac{3}{5} \\ = \frac{80}{21} = 3\frac{17}{21}$$

$$11. \frac{17}{4} \div \frac{1}{4} \\ = 17$$

$$2. \frac{10}{11} \times \frac{5}{4} \\ = \frac{25}{22} = 1\frac{3}{22}$$

$$7. \frac{1}{3} \times \frac{4}{11} \\ = \frac{4}{33}$$

$$12. \frac{16}{7} \times \frac{1}{3} \\ = \frac{16}{21}$$

$$3. \frac{7}{10} \div \frac{4}{3} \\ = \frac{21}{40}$$

$$8. \frac{13}{7} \times \frac{5}{3} \\ = \frac{65}{21} = 3\frac{2}{21}$$

$$13. \frac{5}{2} \div \frac{15}{2} \\ = \frac{1}{3}$$

$$4. \frac{7}{2} \div \frac{1}{9} \\ = \frac{63}{2} = 31\frac{1}{2}$$

$$9. \frac{9}{4} \div \frac{13}{8} \\ = \frac{18}{13} = 1\frac{5}{13}$$

$$14. \frac{16}{11} \times \frac{7}{6} \\ = \frac{56}{33} = 1\frac{23}{33}$$

$$5. \frac{11}{7} \div \frac{3}{2} \\ = \frac{22}{21} = 1\frac{1}{21}$$

$$10. \frac{4}{5} \times \frac{18}{7} \\ = \frac{72}{35} = 2\frac{2}{35}$$

$$15. \frac{23}{6} \div \frac{5}{9} \\ = \frac{69}{10} = 6\frac{9}{10}$$

Multiplying and Dividing Fractions (J)

Find the value of each expression in lowest terms.

1. $\frac{4}{3} \times \frac{11}{12}$

6. $\frac{4}{7} \times \frac{3}{4}$

11. $\frac{9}{4} \times \frac{11}{10}$

2. $\frac{8}{3} \times \frac{1}{2}$

7. $\frac{1}{2} \times \frac{4}{3}$

12. $\frac{5}{2} \div \frac{9}{8}$

3. $\frac{3}{11} \times \frac{3}{4}$

8. $\frac{1}{2} \div \frac{14}{3}$

13. $\frac{7}{2} \div \frac{4}{7}$

4. $\frac{11}{9} \div \frac{5}{3}$

9. $\frac{3}{2} \div \frac{11}{2}$

14. $\frac{23}{11} \times \frac{3}{4}$

5. $\frac{3}{2} \div \frac{10}{7}$

10. $\frac{17}{11} \div \frac{3}{2}$

15. $\frac{14}{3} \times \frac{2}{3}$

Multiplying and Dividing Fractions (J) Answers

Find the value of each expression in lowest terms.

$$1. \frac{4}{3} \times \frac{11}{12} \\ = \frac{11}{9} = 1\frac{2}{9}$$

$$6. \frac{4}{7} \times \frac{3}{4} \\ = \frac{3}{7}$$

$$11. \frac{9}{4} \times \frac{11}{10} \\ = \frac{99}{40} = 2\frac{19}{40}$$

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

$$7. \frac{1}{2} \times \frac{4}{3} \\ = \frac{2}{3}$$

$$12. \frac{5}{2} \div \frac{9}{8} \\ = \frac{20}{9} = 2\frac{2}{9}$$

$$3. \frac{3}{11} \times \frac{3}{4} \\ = \frac{9}{44}$$

$$8. \frac{1}{2} \div \frac{14}{3} \\ = \frac{3}{28}$$

$$13. \frac{7}{2} \div \frac{4}{7} \\ = \frac{49}{8} = 6\frac{1}{8}$$

$$4. \frac{11}{9} \div \frac{5}{3} \\ = \frac{11}{15}$$

$$9. \frac{3}{2} \div \frac{11}{2} \\ = \frac{3}{11}$$

$$14. \frac{23}{11} \times \frac{3}{4} \\ = \frac{69}{44} = 1\frac{25}{44}$$

$$5. \frac{3}{2} \div \frac{10}{7} \\ = \frac{21}{20} = 1\frac{1}{20}$$

$$10. \frac{17}{11} \div \frac{3}{2} \\ = \frac{34}{33} = 1\frac{1}{33}$$

$$15. \frac{14}{3} \times \frac{2}{3} \\ = \frac{28}{9} = 3\frac{1}{9}$$