

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.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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