

Multiplying and Dividing Fractions (G)

Find the value of each expression in lowest terms.

1. $\frac{20}{3} \div \frac{18}{5} \div \frac{5}{2}$

6. $\frac{1}{2} \times \frac{11}{6} \div \frac{5}{9}$

11. $\frac{1}{6} \times \frac{11}{2} \times \frac{10}{3}$

2. $\frac{13}{12} \times \frac{4}{3} \times \frac{7}{2}$

7. $\frac{12}{5} \times \frac{10}{11} \div \frac{17}{11}$

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

3. $\frac{11}{6} \div \left(\frac{10}{3} \div \frac{3}{2}\right)$

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

13. $\frac{8}{5} \div \frac{1}{10} \div \frac{8}{3}$

4. $\frac{16}{7} \div \frac{1}{7} \times \frac{4}{3}$

9. $\frac{21}{2} \div \left(\frac{3}{4} \times \frac{2}{7}\right)$

14. $\frac{16}{7} \times \frac{1}{2} \times \frac{13}{8}$

5. $\frac{17}{3} \times \frac{3}{5} \div \frac{1}{2}$

10. $\frac{3}{2} \div \frac{9}{2} \div \frac{19}{6}$

15. $\frac{11}{6} \times \frac{13}{10} \div \frac{13}{4}$

Multiplying and Dividing Fractions (G) Answers

Find the value of each expression in lowest terms.

$$1. \frac{20}{3} \div \frac{18}{5} \div \frac{5}{2} \\ = \frac{20}{27}$$

$$6. \frac{1}{2} \times \frac{11}{6} \div \frac{5}{9} \\ = \frac{33}{20} = 1\frac{13}{20}$$

$$11. \frac{1}{6} \times \frac{11}{2} \times \frac{10}{3} \\ = \frac{55}{18} = 3\frac{1}{18}$$

$$2. \frac{13}{12} \times \frac{4}{3} \times \frac{7}{2} \\ = \frac{91}{18} = 5\frac{1}{18}$$

$$7. \frac{12}{5} \times \frac{10}{11} \div \frac{17}{11} \\ = \frac{24}{17} = 1\frac{7}{17}$$

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

$$3. \frac{11}{6} \div \left(\frac{10}{3} \div \frac{3}{2}\right) \\ = \frac{33}{40}$$

$$8. \frac{3}{5} \times \frac{3}{4} \div \frac{5}{2} \\ = \frac{9}{50}$$

$$13. \frac{8}{5} \div \frac{1}{10} \div \frac{8}{3} \\ = 6$$

$$4. \frac{16}{7} \div \frac{1}{7} \times \frac{4}{3} \\ = \frac{64}{3} = 21\frac{1}{3}$$

$$9. \frac{21}{2} \div \left(\frac{3}{4} \times \frac{2}{7}\right) \\ = 49$$

$$14. \frac{16}{7} \times \frac{1}{2} \times \frac{13}{8} \\ = \frac{13}{7} = 1\frac{6}{7}$$

$$5. \frac{17}{3} \times \frac{3}{5} \div \frac{1}{2} \\ = \frac{34}{5} = 6\frac{4}{5}$$

$$10. \frac{3}{2} \div \frac{9}{2} \div \frac{19}{6} \\ = \frac{2}{19}$$

$$15. \frac{11}{6} \times \frac{13}{10} \div \frac{13}{4} \\ = \frac{11}{15}$$