

Multiplying and Dividing Fractions (I)

Find the value of each expression in lowest terms.

1. $\frac{21}{4} \times \frac{4}{3} \times \frac{11}{3}$

6. $\frac{7}{2} \div \left(\frac{6}{5} \times \frac{5}{2}\right)$

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

2. $\frac{13}{5} \times \frac{5}{12} \times \frac{5}{3}$

7. $\frac{13}{10} \times \frac{8}{3} \div \frac{12}{5}$

12. $\frac{14}{3} \times \frac{3}{2} \div \frac{19}{12}$

3. $\frac{13}{10} \times \frac{4}{3} \div \frac{2}{5}$

8. $\frac{11}{4} \times \frac{7}{3} \times \frac{2}{3}$

13. $\frac{1}{6} \div \frac{2}{3} \times \frac{23}{4}$

4. $\frac{21}{8} \times \frac{2}{3} \div \frac{1}{3}$

9. $\frac{7}{9} \div \frac{11}{6} \div \frac{7}{4}$

14. $\frac{16}{3} \times \frac{5}{4} \div \frac{1}{6}$

5. $\frac{17}{3} \div \left(\frac{17}{10} \div \frac{17}{2}\right)$

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

15. $\frac{11}{7} \div \frac{11}{6} \times \frac{11}{9}$

Multiplying and Dividing Fractions (I) Answers

Find the value of each expression in lowest terms.

$$1. \frac{21}{4} \times \frac{4}{3} \times \frac{11}{3} \\ = \frac{77}{3} = 25\frac{2}{3}$$

$$6. \frac{7}{2} \div \left(\frac{6}{5} \times \frac{5}{2}\right) \\ = \frac{7}{6} = 1\frac{1}{6}$$

$$11. \frac{1}{6} \times \frac{4}{3} \times \frac{5}{3} \\ = \frac{10}{27}$$

$$2. \frac{13}{5} \times \frac{5}{12} \times \frac{5}{3} \\ = \frac{65}{36} = 1\frac{29}{36}$$

$$7. \frac{13}{10} \times \frac{8}{3} \div \frac{12}{5} \\ = \frac{13}{9} = 1\frac{4}{9}$$

$$12. \frac{14}{3} \times \frac{3}{2} \div \frac{19}{12} \\ = \frac{84}{19} = 4\frac{8}{19}$$

$$3. \frac{13}{10} \times \frac{4}{3} \div \frac{2}{5} \\ = \frac{13}{3} = 4\frac{1}{3}$$

$$8. \frac{11}{4} \times \frac{7}{3} \times \frac{2}{3} \\ = \frac{77}{18} = 4\frac{5}{18}$$

$$13. \frac{1}{6} \div \frac{2}{3} \times \frac{23}{4} \\ = \frac{23}{16} = 1\frac{7}{16}$$

$$4. \frac{21}{8} \times \frac{2}{3} \div \frac{1}{3} \\ = \frac{21}{4} = 5\frac{1}{4}$$

$$9. \frac{7}{9} \div \frac{11}{6} \div \frac{7}{4} \\ = \frac{8}{33}$$

$$14. \frac{16}{3} \times \frac{5}{4} \div \frac{1}{6} \\ = 40$$

$$5. \frac{17}{3} \div \left(\frac{17}{10} \div \frac{17}{2}\right) \\ = \frac{85}{3} = 28\frac{1}{3}$$

$$10. \frac{11}{6} \times \frac{4}{11} \div \frac{4}{11} \\ = \frac{11}{6} = 1\frac{5}{6}$$

$$15. \frac{11}{7} \div \frac{11}{6} \times \frac{11}{9} \\ = \frac{22}{21} = 1\frac{1}{21}$$