

Multiplying and Dividing Mixed Fractions (I)

Find the value of each expression in lowest terms.

1. $1\frac{1}{3} \div 1\frac{2}{3} \times 1\frac{11}{12}$

6. $1\frac{3}{7} \times 1\frac{3}{5} \div 1\frac{1}{4}$

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

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

7. $1\frac{5}{6} \div 2\frac{1}{2} \times 3\frac{1}{3}$

12. $7\frac{1}{3} \times 1\frac{2}{11} \times 2\frac{1}{2}$

3. $1\frac{7}{11} \times 1\frac{5}{6} \div 1\frac{8}{11}$

8. $6\frac{1}{2} \div 1\frac{1}{6} \times 1\frac{3}{4}$

13. $1\frac{1}{3} \div (1\frac{2}{5} \times 2\frac{6}{7})$

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

9. $2\frac{2}{3} \div (1\frac{2}{3} \times 1\frac{3}{7})$

14. $10\frac{1}{2} \times 4\frac{2}{5} \div 2\frac{1}{5}$

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

10. $1\frac{2}{3} \div (2\frac{1}{2} \div 1\frac{1}{4})$

15. $3\frac{1}{7} \div (1\frac{5}{6} \times 3\frac{1}{5})$

Multiplying and Dividing Mixed Fractions (I) Answers

Find the value of each expression in lowest terms.

$$1. 1\frac{1}{3} \div 1\frac{2}{3} \times 1\frac{11}{12} \\ = \frac{23}{15} = 1\frac{8}{15}$$

$$6. 1\frac{3}{7} \times 1\frac{3}{5} \div 1\frac{1}{4} \\ = \frac{64}{35} = 1\frac{29}{35}$$

$$11. 1\frac{6}{7} \div (1\frac{4}{11} \times 1\frac{4}{7}) \\ = \frac{13}{15}$$

$$2. 1\frac{1}{2} \div 1\frac{1}{5} \times 1\frac{5}{6} \\ = \frac{55}{24} = 2\frac{7}{24}$$

$$7. 1\frac{5}{6} \div 2\frac{1}{2} \times 3\frac{1}{3} \\ = \frac{22}{9} = 2\frac{4}{9}$$

$$12. 7\frac{1}{3} \times 1\frac{2}{11} \times 2\frac{1}{2} \\ = \frac{65}{3} = 21\frac{2}{3}$$

$$3. 1\frac{7}{11} \times 1\frac{5}{6} \div 1\frac{8}{11} \\ = \frac{33}{19} = 1\frac{14}{19}$$

$$8. 6\frac{1}{2} \div 1\frac{1}{6} \times 1\frac{3}{4} \\ = \frac{39}{4} = 9\frac{3}{4}$$

$$13. 1\frac{1}{3} \div (1\frac{2}{5} \times 2\frac{6}{7}) \\ = \frac{1}{3}$$

$$4. 1\frac{1}{2} \times 1\frac{2}{3} \div 1\frac{2}{7} \\ = \frac{35}{18} = 1\frac{17}{18}$$

$$9. 2\frac{2}{3} \div (1\frac{2}{3} \times 1\frac{3}{7}) \\ = \frac{28}{25} = 1\frac{3}{25}$$

$$14. 10\frac{1}{2} \times 4\frac{2}{5} \div 2\frac{1}{5} \\ = 21$$

$$5. 1\frac{2}{9} \times 1\frac{1}{2} \div 5\frac{1}{2} \\ = \frac{1}{3}$$

$$10. 1\frac{2}{3} \div (2\frac{1}{2} \div 1\frac{1}{4}) \\ = \frac{5}{6}$$

$$15. 3\frac{1}{7} \div (1\frac{5}{6} \times 3\frac{1}{5}) \\ = \frac{15}{28}$$