

Multiplying and Dividing Mixed Fractions (J)

Find the value of each expression in lowest terms.

1. $1\frac{1}{12} \times 1\frac{5}{7} \div 2\frac{2}{7}$

6. $2\frac{2}{5} \times 3\frac{1}{3} \times 2\frac{7}{8}$

11. $1\frac{1}{10} \div 1\frac{1}{5} \div 3\frac{1}{4}$

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

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

12. $4\frac{1}{2} \div 1\frac{1}{2} \times 2\frac{1}{11}$

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

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

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

4. $2\frac{2}{3} \times 1\frac{1}{10} \times 1\frac{10}{11}$

9. $1\frac{5}{11} \times 2\frac{1}{5} \div 1\frac{1}{4}$

14. $1\frac{1}{9} \div 1\frac{1}{3} \times 2\frac{2}{3}$

5. $1\frac{9}{11} \div 1\frac{1}{3} \times 2\frac{1}{2}$

10. $2\frac{1}{2} \times 1\frac{1}{8} \div 2\frac{3}{8}$

15. $8\frac{1}{2} \div 1\frac{8}{9} \div 2\frac{5}{9}$

Multiplying and Dividing Mixed Fractions (J) Answers

Find the value of each expression in lowest terms.

$$1. 1\frac{1}{12} \times 1\frac{5}{7} \div 2\frac{2}{7} \\ = \frac{13}{16}$$

$$6. 2\frac{2}{5} \times 3\frac{1}{3} \times 2\frac{7}{8} \\ = 23$$

$$11. 1\frac{1}{10} \div 1\frac{1}{5} \div 3\frac{1}{4} \\ = \frac{11}{39}$$

$$2. 1\frac{2}{5} \times 1\frac{1}{6} \times 2\frac{6}{7} \\ = \frac{14}{3} = 4\frac{2}{3}$$

$$7. 2\frac{1}{4} \times 2\frac{3}{4} \times 1\frac{1}{3} \\ = \frac{33}{4} = 8\frac{1}{4}$$

$$12. 4\frac{1}{2} \div 1\frac{1}{2} \times 2\frac{1}{11} \\ = \frac{69}{11} = 6\frac{3}{11}$$

$$3. 1\frac{5}{7} \times 7\frac{2}{3} \div 2\frac{1}{7} \\ = \frac{92}{15} = 6\frac{2}{15}$$

$$8. 1\frac{1}{2} \div 2\frac{2}{5} \div 3\frac{1}{2} \\ = \frac{5}{28}$$

$$13. 4\frac{1}{3} \div 1\frac{3}{10} \times 1\frac{2}{3} \\ = \frac{50}{9} = 5\frac{5}{9}$$

$$4. 2\frac{2}{3} \times 1\frac{1}{10} \times 1\frac{10}{11} \\ = \frac{28}{5} = 5\frac{3}{5}$$

$$9. 1\frac{5}{11} \times 2\frac{1}{5} \div 1\frac{1}{4} \\ = \frac{64}{25} = 2\frac{14}{25}$$

$$14. 1\frac{1}{9} \div 1\frac{1}{3} \times 2\frac{2}{3} \\ = \frac{20}{9} = 2\frac{2}{9}$$

$$5. 1\frac{9}{11} \div 1\frac{1}{3} \times 2\frac{1}{2} \\ = \frac{75}{22} = 3\frac{9}{22}$$

$$10. 2\frac{1}{2} \times 1\frac{1}{8} \div 2\frac{3}{8} \\ = \frac{45}{38} = 1\frac{7}{38}$$

$$15. 8\frac{1}{2} \div 1\frac{8}{9} \div 2\frac{5}{9} \\ = \frac{81}{46} = 1\frac{35}{46}$$