

Multiplying and Dividing Mixed Fractions (B)

Find the value of each expression in lowest terms.

1. $1\frac{4}{5} \times 7\frac{2}{3} \div 3\frac{2}{5}$

6. $1\frac{1}{2} \times 1\frac{1}{4} \div 1\frac{5}{7}$

11. $2\frac{5}{7} \times 1\frac{5}{6} \div 5\frac{1}{2}$

2. $1\frac{2}{7} \div (1\frac{1}{5} \div 1\frac{3}{4})$

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

12. $3\frac{5}{6} \times 3\frac{3}{5} \div 10\frac{1}{2}$

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

8. $7\frac{1}{3} \div 5\frac{1}{2} \div 1\frac{3}{4}$

13. $2\frac{1}{3} \times 1\frac{4}{9} \div 6\frac{1}{2}$

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

9. $3\frac{2}{3} \div 6\frac{1}{2} \times 2\frac{2}{11}$

14. $1\frac{2}{3} \div (1\frac{1}{4} \times 4\frac{2}{5})$

5. $4\frac{1}{4} \times 1\frac{3}{7} \div 1\frac{2}{7}$

10. $3\frac{3}{7} \times 1\frac{3}{4} \times 2\frac{2}{3}$

15. $2\frac{1}{2} \times 2\frac{3}{4} \times 1\frac{3}{5}$

Multiplying and Dividing Mixed Fractions (B) Answers

Find the value of each expression in lowest terms.

$$1. 1\frac{4}{5} \times 7\frac{2}{3} \div 3\frac{2}{5} \\ = \frac{69}{17} = 4\frac{1}{17}$$

$$6. 1\frac{1}{2} \times 1\frac{1}{4} \div 1\frac{5}{7} \\ = \frac{35}{32} = 1\frac{3}{32}$$

$$11. 2\frac{5}{7} \times 1\frac{5}{6} \div 5\frac{1}{2} \\ = \frac{19}{21}$$

$$2. 1\frac{2}{7} \div (1\frac{1}{5} \div 1\frac{3}{4}) \\ = \frac{15}{8} = 1\frac{7}{8}$$

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

$$12. 3\frac{5}{6} \times 3\frac{3}{5} \div 10\frac{1}{2} \\ = \frac{46}{35} = 1\frac{11}{35}$$

$$3. 3\frac{2}{3} \times 5\frac{1}{4} \div 1\frac{1}{10} \\ = \frac{35}{2} = 17\frac{1}{2}$$

$$8. 7\frac{1}{3} \div 5\frac{1}{2} \div 1\frac{3}{4} \\ = \frac{16}{21}$$

$$13. 2\frac{1}{3} \times 1\frac{4}{9} \div 6\frac{1}{2} \\ = \frac{14}{27}$$

$$4. 2\frac{2}{3} \div (1\frac{2}{3} \times 1\frac{3}{4}) \\ = \frac{32}{35}$$

$$9. 3\frac{2}{3} \div 6\frac{1}{2} \times 2\frac{2}{11} \\ = \frac{16}{13} = 1\frac{3}{13}$$

$$14. 1\frac{2}{3} \div (1\frac{1}{4} \times 4\frac{2}{5}) \\ = \frac{10}{33}$$

$$5. 4\frac{1}{4} \times 1\frac{3}{7} \div 1\frac{2}{7} \\ = \frac{85}{18} = 4\frac{13}{18}$$

$$10. 3\frac{3}{7} \times 1\frac{3}{4} \times 2\frac{2}{3} \\ = 16$$

$$15. 2\frac{1}{2} \times 2\frac{3}{4} \times 1\frac{3}{5} \\ = 11$$