

Multiplying and Dividing Mixed Fractions (H)

Find the value of each expression in lowest terms.

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

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

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

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

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

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

3. $1\frac{1}{12} \times 1\frac{1}{2} \div 5\frac{3}{4}$

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

13. $2\frac{1}{2} \times 2\frac{2}{5} \div 2\frac{1}{6}$

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

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

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

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

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

15. $2\frac{1}{10} \div (1\frac{1}{8} \times 2\frac{1}{3})$

Multiplying and Dividing Mixed Fractions (H) Answers

Find the value of each expression in lowest terms.

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

$$6. 6\frac{1}{2} \div (2\frac{1}{2} \times 1\frac{4}{5}) \\ = \frac{13}{9} = 1\frac{4}{9}$$

$$11. 1\frac{3}{10} \div (5\frac{1}{3} \div 1\frac{1}{3}) \\ = \frac{13}{40}$$

$$2. 1\frac{1}{2} \times 1\frac{2}{5} \times 1\frac{4}{9} \\ = \frac{91}{30} = 3\frac{1}{30}$$

$$7. 1\frac{1}{4} \times 1\frac{1}{5} \times 4\frac{1}{3} \\ = \frac{13}{2} = 6\frac{1}{2}$$

$$12. 3\frac{2}{3} \times 1\frac{1}{2} \div 3\frac{1}{3} \\ = \frac{33}{20} = 1\frac{13}{20}$$

$$3. 1\frac{1}{12} \times 1\frac{1}{2} \div 5\frac{3}{4} \\ = \frac{13}{46}$$

$$8. 1\frac{3}{8} \times 1\frac{1}{3} \times 2\frac{1}{2} \\ = \frac{55}{12} = 4\frac{7}{12}$$

$$13. 2\frac{1}{2} \times 2\frac{2}{5} \div 2\frac{1}{6} \\ = \frac{36}{13} = 2\frac{10}{13}$$

$$4. 4\frac{1}{5} \times 2\frac{1}{2} \times 1\frac{5}{7} \\ = 18$$

$$9. 1\frac{2}{9} \times 1\frac{4}{5} \div 1\frac{1}{2} \\ = \frac{22}{15} = 1\frac{7}{15}$$

$$14. 1\frac{1}{2} \div 1\frac{1}{2} \times 1\frac{2}{3} \\ = \frac{5}{3} = 1\frac{2}{3}$$

$$5. 3\frac{1}{2} \times 3\frac{1}{2} \times 1\frac{2}{7} \\ = \frac{63}{4} = 15\frac{3}{4}$$

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

$$15. 2\frac{1}{10} \div (1\frac{1}{8} \times 2\frac{1}{3}) \\ = \frac{4}{5}$$