

Multiplying and Dividing Proper and Mixed Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $2\frac{1}{3} \div \frac{1}{2} =$

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

3. $\frac{3}{4} \div 1\frac{3}{4} =$

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

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

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

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

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

9. $2\frac{1}{2} \div \frac{5}{7} =$

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

Multiplying and Dividing Proper and Mixed Fractions (D) Answers

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Calculate each result.

$$1. \quad 2\frac{1}{3} \div \frac{1}{2} = \frac{7}{3} \div \frac{1}{2} = \frac{7}{3} \times \frac{2}{1} = \frac{14}{3} = 4\frac{2}{3}$$

$$2. \quad \frac{4}{5} \times 3\frac{1}{4} = \frac{4}{5} \times \frac{13}{4} = \frac{52}{20} = \frac{13}{5} = 2\frac{3}{5}$$

$$3. \quad \frac{3}{4} \div 1\frac{3}{4} = \frac{3}{4} \div \frac{7}{4} = \frac{3}{4} \times \frac{4}{7} = \frac{12}{28} = \frac{3}{7}$$

$$4. \quad 1\frac{1}{2} \div \frac{1}{3} = \frac{3}{2} \div \frac{1}{3} = \frac{3}{2} \times \frac{3}{1} = \frac{9}{2} = 4\frac{1}{2}$$

$$5. \quad \frac{3}{4} \times 1\frac{5}{6} = \frac{3}{4} \times \frac{11}{6} = \frac{33}{24} = \frac{11}{8} = 1\frac{3}{8}$$

$$6. \quad \frac{7}{8} \div 1\frac{2}{3} = \frac{7}{8} \div \frac{5}{3} = \frac{7}{8} \times \frac{3}{5} = \frac{21}{40}$$

$$7. \quad \frac{6}{7} \times 2\frac{1}{3} = \frac{6}{7} \times \frac{7}{3} = \frac{42}{21} = 2$$

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

$$9. \quad 2\frac{1}{2} \div \frac{5}{7} = \frac{5}{2} \div \frac{5}{7} = \frac{5}{2} \times \frac{7}{5} = \frac{35}{10} = \frac{7}{2} = 3\frac{1}{2}$$

$$10. \quad \frac{1}{7} \times 1\frac{1}{2} = \frac{1}{7} \times \frac{3}{2} = \frac{3}{14}$$