

Multiplying and Dividing Proper and Mixed Fractions (I)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

7. $\frac{3}{4} \div 3\frac{8}{9} =$

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

9. $1\frac{1}{2} \times \frac{1}{2} =$

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

Multiplying and Dividing Proper and Mixed Fractions (I) Answers

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Calculate each result.

$$1. \quad 3\frac{1}{2} \div \frac{6}{7} = \frac{7}{2} \div \frac{6}{7} = \frac{7}{2} \times \frac{7}{6} = \frac{49}{12} = 4\frac{1}{12}$$

$$2. \quad 1\frac{2}{3} \div \frac{7}{8} = \frac{5}{3} \div \frac{7}{8} = \frac{5}{3} \times \frac{8}{7} = \frac{40}{21} = 1\frac{19}{21}$$

$$3. \quad 2\frac{6}{7} \times \frac{1}{7} = \frac{20}{7} \times \frac{1}{7} = \frac{20}{49}$$

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

$$5. \quad 1\frac{1}{4} \times \frac{3}{7} = \frac{5}{4} \times \frac{3}{7} = \frac{15}{28}$$

$$6. \quad 2\frac{1}{4} \times \frac{1}{5} = \frac{9}{4} \times \frac{1}{5} = \frac{9}{20}$$

$$7. \quad \frac{3}{4} \div 3\frac{8}{9} = \frac{3}{4} \div \frac{35}{9} = \frac{3}{4} \times \frac{9}{35} = \frac{27}{140}$$

$$8. \quad 2\frac{3}{4} \times \frac{1}{4} = \frac{11}{4} \times \frac{1}{4} = \frac{11}{16}$$

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

$$10. \quad \frac{3}{7} \div 2\frac{7}{8} = \frac{3}{7} \div \frac{23}{8} = \frac{3}{7} \times \frac{8}{23} = \frac{24}{161}$$