

Multiplying and Dividing Proper and Mixed Fractions (I)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

4. $\frac{4}{7} \div 1\frac{7}{9} =$

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

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

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

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

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

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

Multiplying and Dividing Proper and Mixed Fractions (I) Answers

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Date: _____

Score: _____

Calculate each result.

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

$$2. \frac{4}{7} \times 2\frac{3}{4} = \frac{4}{7} \times \frac{11}{4} = \frac{44}{28} = \frac{11}{7} = 1\frac{4}{7}$$

$$3. \frac{5}{6} \times 1\frac{2}{7} = \frac{5}{6} \times \frac{9}{7} = \frac{45}{42} = \frac{15}{14} = 1\frac{1}{14}$$

$$4. \frac{4}{7} \div 1\frac{7}{9} = \frac{4}{7} \div \frac{16}{9} = \frac{4}{7} \times \frac{9}{16} = \frac{36}{112} = \frac{9}{28}$$

$$5. \frac{1}{2} \div 2\frac{3}{4} = \frac{1}{2} \div \frac{11}{4} = \frac{1}{2} \times \frac{4}{11} = \frac{4}{22} = \frac{2}{11}$$

$$6. 1\frac{1}{2} \div \frac{3}{8} = \frac{3}{2} \div \frac{3}{8} = \frac{3}{2} \times \frac{8}{3} = \frac{24}{6} = 4$$

$$7. \frac{1}{4} \div 2\frac{1}{4} = \frac{1}{4} \div \frac{9}{4} = \frac{1}{4} \times \frac{4}{9} = \frac{4}{36} = \frac{1}{9}$$

$$8. \frac{6}{7} \times 2\frac{1}{3} = \frac{6}{7} \times \frac{7}{3} = \frac{42}{21} = 2$$

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

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