

Multiplying and Dividing Proper and Mixed Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $3\frac{4}{7} \div \frac{3}{4} =$

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

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

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

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

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

7. $\frac{1}{7} \times 1\frac{1}{9} =$

8. $\frac{1}{7} \div 2\frac{5}{6} =$

9. $\frac{7}{8} \div 1\frac{7}{9} =$

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

Multiplying and Dividing Proper and Mixed Fractions (H) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 3\frac{4}{7} \div \frac{3}{4} = \frac{25}{7} \div \frac{3}{4} = \frac{25}{7} \times \frac{4}{3} = \frac{100}{21} = 4\frac{16}{21}$$

$$2. \quad \frac{6}{7} \times 3\frac{6}{7} = \frac{6}{7} \times \frac{27}{7} = \frac{162}{49} = 3\frac{15}{49}$$

$$3. \quad \frac{1}{4} \div 2\frac{4}{5} = \frac{1}{4} \div \frac{14}{5} = \frac{1}{4} \times \frac{5}{14} = \frac{5}{56}$$

$$4. \quad \frac{2}{3} \times 2\frac{2}{3} = \frac{2}{3} \times \frac{8}{3} = \frac{16}{9} = 1\frac{7}{9}$$

$$5. \quad 1\frac{1}{9} \times \frac{2}{3} = \frac{10}{9} \times \frac{2}{3} = \frac{20}{27}$$

$$6. \quad \frac{1}{2} \div 3\frac{2}{5} = \frac{1}{2} \div \frac{17}{5} = \frac{1}{2} \times \frac{5}{17} = \frac{5}{34}$$

$$7. \quad \frac{1}{7} \times 1\frac{1}{9} = \frac{1}{7} \times \frac{10}{9} = \frac{10}{63}$$

$$8. \quad \frac{1}{7} \div 2\frac{5}{6} = \frac{1}{7} \div \frac{17}{6} = \frac{1}{7} \times \frac{6}{17} = \frac{6}{119}$$

$$9. \quad \frac{7}{8} \div 1\frac{7}{9} = \frac{7}{8} \div \frac{16}{9} = \frac{7}{8} \times \frac{9}{16} = \frac{63}{128}$$

$$10. \quad \frac{2}{9} \times 1\frac{1}{3} = \frac{2}{9} \times \frac{4}{3} = \frac{8}{27}$$