

Multiplying and Dividing Proper and Mixed Fractions (E)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $2\frac{2}{3} \div \frac{8}{9} =$

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

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

4. $3\frac{4}{7} \div \frac{4}{5} =$

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

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

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

8. $2\frac{3}{7} \times \frac{2}{5} =$

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

10. $1\frac{1}{4} \times \frac{1}{2} =$

Multiplying and Dividing Proper and Mixed Fractions (E) Answers

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Calculate each result.

$$1. \quad 2\frac{2}{3} \div \frac{8}{9} = \frac{8}{3} \div \frac{8}{9} = \frac{8}{3} \times \frac{9}{8} = \frac{72}{24} = 3$$

$$2. \quad \frac{3}{4} \div 1\frac{3}{5} = \frac{3}{4} \div \frac{8}{5} = \frac{3}{4} \times \frac{5}{8} = \frac{15}{32}$$

$$3. \quad 2\frac{3}{8} \times \frac{3}{4} = \frac{19}{8} \times \frac{3}{4} = \frac{57}{32} = 1\frac{25}{32}$$

$$4. \quad 3\frac{4}{7} \div \frac{4}{5} = \frac{25}{7} \div \frac{4}{5} = \frac{25}{7} \times \frac{5}{4} = \frac{125}{28} = 4\frac{13}{28}$$

$$5. \quad 2\frac{7}{8} \div \frac{6}{7} = \frac{23}{8} \div \frac{6}{7} = \frac{23}{8} \times \frac{7}{6} = \frac{161}{48} = 3\frac{17}{48}$$

$$6. \quad \frac{1}{3} \div 1\frac{3}{8} = \frac{1}{3} \div \frac{11}{8} = \frac{1}{3} \times \frac{8}{11} = \frac{8}{33}$$

$$7. \quad \frac{2}{3} \times 1\frac{1}{6} = \frac{2}{3} \times \frac{7}{6} = \frac{14}{18} = \frac{7}{9}$$

$$8. \quad 2\frac{3}{7} \times \frac{2}{5} = \frac{17}{7} \times \frac{2}{5} = \frac{34}{35}$$

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

$$10. \quad 1\frac{1}{4} \times \frac{1}{2} = \frac{5}{4} \times \frac{1}{2} = \frac{5}{8}$$