

Multiplying and Dividing Proper and Mixed Fractions (B)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

6. $1\frac{4}{5} \times \frac{2}{3} =$

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

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

9. $\frac{1}{6} \div 1\frac{1}{9} =$

10. $\frac{5}{8} \div 3\frac{1}{2} =$

Multiplying and Dividing Proper and Mixed Fractions (B) Answers

Name: _____

Date: _____

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Calculate each result.

$$1. \frac{3}{4} \div 2\frac{3}{4} = \frac{3}{4} \div \frac{11}{4} = \frac{3}{4} \times \frac{4}{11} = \frac{12}{44} = \frac{3}{11}$$

$$2. \frac{4}{5} \times 1\frac{2}{3} = \frac{4}{5} \times \frac{5}{3} = \frac{20}{15} = \frac{4}{3} = 1\frac{1}{3}$$

$$3. 2\frac{4}{9} \times \frac{3}{4} = \frac{22}{9} \times \frac{3}{4} = \frac{66}{36} = \frac{11}{6} = 1\frac{5}{6}$$

$$4. \frac{1}{5} \times 2\frac{2}{9} = \frac{1}{5} \times \frac{20}{9} = \frac{20}{45} = \frac{4}{9}$$

$$5. \frac{2}{9} \times 3\frac{1}{2} = \frac{2}{9} \times \frac{7}{2} = \frac{14}{18} = \frac{7}{9}$$

$$6. 1\frac{4}{5} \times \frac{2}{3} = \frac{9}{5} \times \frac{2}{3} = \frac{18}{15} = \frac{6}{5} = 1\frac{1}{5}$$

$$7. \frac{3}{4} \div 2\frac{1}{2} = \frac{3}{4} \div \frac{5}{2} = \frac{3}{4} \times \frac{2}{5} = \frac{6}{20} = \frac{3}{10}$$

$$8. \frac{1}{3} \div 2\frac{1}{6} = \frac{1}{3} \div \frac{13}{6} = \frac{1}{3} \times \frac{6}{13} = \frac{6}{39} = \frac{2}{13}$$

$$9. \frac{1}{6} \div 1\frac{1}{9} = \frac{1}{6} \div \frac{10}{9} = \frac{1}{6} \times \frac{9}{10} = \frac{9}{60} = \frac{3}{20}$$

$$10. \frac{5}{8} \div 3\frac{1}{2} = \frac{5}{8} \div \frac{7}{2} = \frac{5}{8} \times \frac{2}{7} = \frac{10}{56} = \frac{5}{28}$$