

Multiplying and Dividing Proper and Mixed Fractions (E)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

4. $\frac{7}{9} \times 3\frac{3}{4} =$

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

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

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

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

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

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

Multiplying and Dividing Proper and Mixed Fractions (E) Answers

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Date: _____

Score: _____

Calculate each result.

$$1. \frac{2}{3} \div 1\frac{4}{9} = \frac{2}{3} \div \frac{13}{9} = \frac{2}{3} \times \frac{9}{13} = \frac{18}{39} = \frac{6}{13}$$

$$2. \frac{6}{7} \times 3\frac{1}{2} = \frac{6}{7} \times \frac{7}{2} = \frac{42}{14} = 3$$

$$3. \frac{3}{7} \times 1\frac{2}{3} = \frac{3}{7} \times \frac{5}{3} = \frac{15}{21} = \frac{5}{7}$$

$$4. \frac{7}{9} \times 3\frac{3}{4} = \frac{7}{9} \times \frac{15}{4} = \frac{105}{36} = \frac{35}{12} = 2\frac{11}{12}$$

$$5. \frac{1}{2} \times 3\frac{1}{7} = \frac{1}{2} \times \frac{22}{7} = \frac{22}{14} = \frac{11}{7} = 1\frac{4}{7}$$

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

$$7. 2\frac{1}{2} \div \frac{5}{8} = \frac{5}{2} \div \frac{5}{8} = \frac{5}{2} \times \frac{8}{5} = \frac{40}{10} = 4$$

$$8. \frac{1}{3} \times 2\frac{2}{5} = \frac{1}{3} \times \frac{12}{5} = \frac{12}{15} = \frac{4}{5}$$

$$9. 1\frac{1}{3} \div \frac{1}{3} = \frac{4}{3} \div \frac{1}{3} = \frac{4}{3} \times \frac{3}{1} = \frac{12}{3} = 4$$

$$10. \frac{1}{2} \div 3\frac{1}{2} = \frac{1}{2} \div \frac{7}{2} = \frac{1}{2} \times \frac{2}{7} = \frac{2}{14} = \frac{1}{7}$$