

Multiplying and Dividing Proper and Mixed Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

4. $\frac{5}{8} \times 3\frac{3}{5} =$

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

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

7. $1\frac{1}{5} \div \frac{4}{9} =$

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

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

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

Multiplying and Dividing Proper and Mixed Fractions (J) Answers

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Calculate each result.

$$1. \frac{1}{3} \div 3\frac{1}{3} = \frac{1}{3} \div \frac{10}{3} = \frac{1}{3} \times \frac{3}{10} = \frac{3}{30} = \frac{1}{10}$$

$$2. \frac{1}{2} \times 1\frac{1}{9} = \frac{1}{2} \times \frac{10}{9} = \frac{10}{18} = \frac{5}{9}$$

$$3. 1\frac{1}{3} \div \frac{4}{5} = \frac{4}{3} \div \frac{4}{5} = \frac{4}{3} \times \frac{5}{4} = \frac{20}{12} = \frac{5}{3} = 1\frac{2}{3}$$

$$4. \frac{5}{8} \times 3\frac{3}{5} = \frac{5}{8} \times \frac{18}{5} = \frac{90}{40} = \frac{9}{4} = 2\frac{1}{4}$$

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

$$6. 1\frac{1}{2} \div \frac{7}{8} = \frac{3}{2} \div \frac{7}{8} = \frac{3}{2} \times \frac{8}{7} = \frac{24}{14} = \frac{12}{7} = 1\frac{5}{7}$$

$$7. 1\frac{1}{5} \div \frac{4}{9} = \frac{6}{5} \div \frac{4}{9} = \frac{6}{5} \times \frac{9}{4} = \frac{54}{20} = \frac{27}{10} = 2\frac{7}{10}$$

$$8. \frac{2}{3} \times 3\frac{1}{2} = \frac{2}{3} \times \frac{7}{2} = \frac{14}{6} = \frac{7}{3} = 2\frac{1}{3}$$

$$9. \frac{1}{3} \times 3\frac{3}{4} = \frac{1}{3} \times \frac{15}{4} = \frac{15}{12} = \frac{5}{4} = 1\frac{1}{4}$$

$$10. 3\frac{3}{5} \times \frac{1}{3} = \frac{18}{5} \times \frac{1}{3} = \frac{18}{15} = \frac{6}{5} = 1\frac{1}{5}$$