

Multiplying and Dividing Various Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

2. $\frac{5}{8} \times \frac{11}{5} =$

3. $2\frac{1}{2} \times \frac{32}{9} =$

4. $\frac{12}{5} \times \frac{14}{9} =$

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

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

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

8. $\frac{22}{9} \div 1\frac{1}{3} =$

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

10. $\frac{12}{5} \div \frac{15}{7} =$

Multiplying and Dividing Various Fractions (J) Answers

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Calculate each result.

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

$$2. \quad \frac{5}{8} \times \frac{11}{5} = \frac{5}{8} \times \frac{11}{5} = \frac{55}{40} = \frac{11}{8} = 1\frac{3}{8}$$

$$3. \quad 2\frac{1}{2} \times \frac{32}{9} = \frac{5}{2} \times \frac{32}{9} = \frac{160}{18} = \frac{80}{9} = 8\frac{8}{9}$$

$$4. \quad \frac{12}{5} \times \frac{14}{9} = \frac{168}{45} = \frac{56}{15} = 3\frac{11}{15}$$

$$5. \quad \frac{2}{3} \times \frac{3}{7} = \frac{2}{3} \times \frac{3}{7} = \frac{6}{21} = \frac{2}{7}$$

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

$$7. \quad 2\frac{1}{2} \div 3\frac{1}{2} = \frac{5}{2} \div \frac{7}{2} = \frac{5}{2} \times \frac{2}{7} = \frac{10}{14} = \frac{5}{7}$$

$$8. \quad \frac{22}{9} \div 1\frac{1}{3} = \frac{22}{9} \div \frac{4}{3} = \frac{22}{9} \times \frac{3}{4} = \frac{66}{36} = \frac{11}{6} = 1\frac{5}{6}$$

$$9. \quad \frac{2}{3} \div 1\frac{3}{5} = \frac{2}{3} \div \frac{8}{5} = \frac{2}{3} \times \frac{5}{8} = \frac{10}{24} = \frac{5}{12}$$

$$10. \quad \frac{12}{5} \div \frac{15}{7} = \frac{12}{5} \times \frac{7}{15} = \frac{84}{75} = \frac{28}{25} = 1\frac{3}{25}$$