

Multiplying and Dividing Various Fractions (G)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{18}{5} \div \frac{1}{2} =$

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

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

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

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

6. $2\frac{1}{2} \div \frac{11}{3} =$

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

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

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

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

Multiplying and Dividing Various Fractions (G) Answers

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Calculate each result.

$$1. \quad \frac{18}{5} \div \frac{1}{2} = \frac{18}{5} \div \frac{1}{2} = \frac{18}{5} \times \frac{2}{1} = \frac{36}{5} = 7\frac{1}{5}$$

$$2. \quad 2\frac{4}{5} \div 2\frac{3}{4} = \frac{14}{5} \div \frac{11}{4} = \frac{14}{5} \times \frac{4}{11} = \frac{56}{55} = 1\frac{1}{55}$$

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

$$4. \quad \frac{9}{5} \times 2\frac{4}{5} = \frac{9}{5} \times \frac{14}{5} = \frac{126}{25} = 5\frac{1}{25}$$

$$5. \quad \frac{4}{5} \div 2\frac{1}{2} = \frac{4}{5} \div \frac{5}{2} = \frac{4}{5} \times \frac{2}{5} = \frac{8}{25}$$

$$6. \quad 2\frac{1}{2} \div \frac{11}{3} = \frac{5}{2} \div \frac{11}{3} = \frac{5}{2} \times \frac{3}{11} = \frac{15}{22}$$

$$7. \quad \frac{15}{4} \times 3\frac{1}{2} = \frac{15}{4} \times \frac{7}{2} = \frac{105}{8} = 13\frac{1}{8}$$

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

$$9. \quad \frac{5}{6} \times \frac{1}{2} = \frac{5}{6} \times \frac{1}{2} = \frac{5}{12}$$

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