

Multiplying and Dividing Various Fractions (G)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $1\frac{1}{2} \times 1\frac{1}{6} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

2. $\frac{1}{8} \div \frac{11}{5} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

3. $\frac{7}{2} \div \frac{3}{4} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

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

6. $\frac{4}{3} \div 3\frac{3}{5} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

8. $3\frac{6}{7} \times \frac{4}{3} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

9. $\frac{17}{7} \div \frac{1}{7} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

10. $\frac{1}{2} \times 1\frac{1}{2} = \text{---} \times \text{---} = \text{---}$

Multiplying and Dividing Various Fractions (G) Answers

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Calculate each result.

$$1. \quad 1\frac{1}{2} \times 1\frac{1}{6} = \frac{3}{2} \times \frac{7}{6} = \frac{21}{12} = \frac{7}{4} = 1\frac{3}{4}$$

$$2. \quad \frac{1}{8} \div \frac{11}{5} = \frac{1}{8} \div \frac{11}{5} = \frac{1}{8} \times \frac{5}{11} = \frac{5}{88}$$

$$3. \quad \frac{7}{2} \div \frac{3}{4} = \frac{7}{2} \div \frac{3}{4} = \frac{7}{2} \times \frac{4}{3} = \frac{28}{6} = \frac{14}{3} = 4\frac{2}{3}$$

$$4. \quad 3\frac{1}{2} \times \frac{2}{3} = \frac{7}{2} \times \frac{2}{3} = \frac{14}{6} = \frac{7}{3} = 2\frac{1}{3}$$

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

$$6. \quad \frac{4}{3} \div 3\frac{3}{5} = \frac{4}{3} \div \frac{18}{5} = \frac{4}{3} \times \frac{5}{18} = \frac{20}{54} = \frac{10}{27}$$

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

$$8. \quad 3\frac{6}{7} \times \frac{4}{3} = \frac{27}{7} \times \frac{4}{3} = \frac{108}{21} = \frac{36}{7} = 5\frac{1}{7}$$

$$9. \quad \frac{17}{7} \div \frac{1}{7} = \frac{17}{7} \div \frac{1}{7} = \frac{17}{7} \times \frac{7}{1} = \frac{119}{7} = 17$$

$$10. \quad \frac{1}{2} \times 1\frac{1}{2} = \frac{1}{2} \times \frac{3}{2} = \frac{3}{4}$$