

Multiplying and Dividing Proper and Mixed Fractions (G)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

4. $2\frac{1}{6} \times \frac{6}{7} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

6. $1\frac{1}{3} \times \frac{7}{8} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

8. $1\frac{1}{8} \div \frac{3}{5} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

9. $\frac{8}{9} \div 2\frac{1}{3} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

10. $1\frac{2}{3} \times \frac{4}{5} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

Multiplying and Dividing Proper and Mixed Fractions (G) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \frac{2}{3} \times 2\frac{1}{2} = \frac{2}{3} \times \frac{5}{2} = \frac{10}{6} = \frac{5}{3} = 1\frac{2}{3}$$

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

$$3. \frac{4}{9} \div 1\frac{1}{3} = \frac{4}{9} \div \frac{4}{3} = \frac{4}{9} \times \frac{3}{4} = \frac{12}{36} = \frac{1}{3}$$

$$4. 2\frac{1}{6} \times \frac{6}{7} = \frac{13}{6} \times \frac{6}{7} = \frac{78}{42} = \frac{13}{7} = 1\frac{6}{7}$$

$$5. \frac{1}{2} \times 1\frac{1}{3} = \frac{1}{2} \times \frac{4}{3} = \frac{4}{6} = \frac{2}{3}$$

$$6. 1\frac{1}{3} \times \frac{7}{8} = \frac{4}{3} \times \frac{7}{8} = \frac{28}{24} = \frac{7}{6} = 1\frac{1}{6}$$

$$7. \frac{1}{4} \div 3\frac{1}{2} = \frac{1}{4} \div \frac{7}{2} = \frac{1}{4} \times \frac{2}{7} = \frac{2}{28} = \frac{1}{14}$$

$$8. 1\frac{1}{8} \div \frac{3}{5} = \frac{9}{8} \div \frac{3}{5} = \frac{9}{8} \times \frac{5}{3} = \frac{45}{24} = \frac{15}{8} = 1\frac{7}{8}$$

$$9. \frac{8}{9} \div 2\frac{1}{3} = \frac{8}{9} \div \frac{7}{3} = \frac{8}{9} \times \frac{3}{7} = \frac{24}{63} = \frac{8}{21}$$

$$10. 1\frac{2}{3} \times \frac{4}{5} = \frac{5}{3} \times \frac{4}{5} = \frac{20}{15} = \frac{4}{3} = 1\frac{1}{3}$$