

Multiplying and Dividing Proper and Mixed Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

3. $\frac{6}{7} \div 1\frac{3}{4} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

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

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

6. $\frac{2}{9} \div 3\frac{1}{6} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

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

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

Multiplying and Dividing Proper and Mixed Fractions (H) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

$$2. \frac{1}{6} \times 3\frac{3}{7} = \frac{1}{6} \times \frac{24}{7} = \frac{24}{42} = \frac{4}{7}$$

$$3. \frac{6}{7} \div 1\frac{3}{4} = \frac{6}{7} \div \frac{7}{4} = \frac{6}{7} \times \frac{4}{7} = \frac{24}{49}$$

$$4. 2\frac{1}{4} \times \frac{1}{3} = \frac{9}{4} \times \frac{1}{3} = \frac{9}{12} = \frac{3}{4}$$

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

$$6. \frac{2}{9} \div 3\frac{1}{6} = \frac{2}{9} \div \frac{19}{6} = \frac{2}{9} \times \frac{6}{19} = \frac{12}{171} = \frac{4}{57}$$

$$7. 2\frac{1}{2} \times \frac{1}{4} = \frac{5}{2} \times \frac{1}{4} = \frac{5}{8}$$

$$8. \frac{1}{4} \div 3\frac{1}{2} = \frac{1}{4} \div \frac{7}{2} = \frac{1}{4} \times \frac{2}{7} = \frac{2}{28} = \frac{1}{14}$$

$$9. \frac{1}{5} \div 1\frac{1}{2} = \frac{1}{5} \div \frac{3}{2} = \frac{1}{5} \times \frac{2}{3} = \frac{2}{15}$$

$$10. \frac{3}{4} \div 2\frac{1}{4} = \frac{3}{4} \div \frac{9}{4} = \frac{3}{4} \times \frac{4}{9} = \frac{12}{36} = \frac{1}{3}$$