

Multiplying and Dividing Proper and Mixed Fractions (I)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

4. $\frac{2}{7} \div 2\frac{2}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

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

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

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

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

Multiplying and Dividing Proper and Mixed Fractions (I) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

$$2. \frac{2}{9} \div 2\frac{1}{3} = \frac{2}{9} \div \frac{7}{3} = \frac{2}{9} \times \frac{3}{7} = \frac{6}{63} = \frac{2}{21}$$

$$3. \frac{3}{4} \div 1\frac{1}{2} = \frac{3}{4} \div \frac{3}{2} = \frac{3}{4} \times \frac{2}{3} = \frac{6}{12} = \frac{1}{2}$$

$$4. \frac{2}{7} \div 2\frac{2}{9} = \frac{2}{7} \div \frac{20}{9} = \frac{2}{7} \times \frac{9}{20} = \frac{18}{140} = \frac{9}{70}$$

$$5. 3\frac{1}{3} \times \frac{1}{4} = \frac{10}{3} \times \frac{1}{4} = \frac{10}{12} = \frac{5}{6}$$

$$6. 3\frac{1}{2} \times \frac{2}{9} = \frac{7}{2} \times \frac{2}{9} = \frac{14}{18} = \frac{7}{9}$$

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

$$8. \frac{1}{2} \div 1\frac{1}{2} = \frac{1}{2} \div \frac{3}{2} = \frac{1}{2} \times \frac{2}{3} = \frac{2}{6} = \frac{1}{3}$$

$$9. 1\frac{1}{5} \times \frac{1}{2} = \frac{6}{5} \times \frac{1}{2} = \frac{6}{10} = \frac{3}{5}$$

$$10. \frac{1}{3} \times 1\frac{1}{5} = \frac{1}{3} \times \frac{6}{5} = \frac{6}{15} = \frac{2}{5}$$