

Multiplying and Dividing Proper and Mixed Fractions (F)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{3}{5} \times 2\frac{3}{8} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

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

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

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

7. $\frac{3}{4} \div 3\frac{5}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

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

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

10. $\frac{5}{8} \div 1\frac{7}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

Multiplying and Dividing Proper and Mixed Fractions (F) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \frac{3}{5} \times 2\frac{3}{8} = \frac{3}{5} \times \frac{19}{8} = \frac{57}{40} = 1\frac{17}{40}$$

$$2. 2\frac{1}{7} \times \frac{1}{2} = \frac{15}{7} \times \frac{1}{2} = \frac{15}{14} = 1\frac{1}{14}$$

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

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

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

$$6. \frac{3}{4} \div 3\frac{2}{5} = \frac{3}{4} \div \frac{17}{5} = \frac{3}{4} \times \frac{5}{17} = \frac{15}{68}$$

$$7. \frac{3}{4} \div 3\frac{5}{9} = \frac{3}{4} \div \frac{32}{9} = \frac{3}{4} \times \frac{9}{32} = \frac{27}{128}$$

$$8. \frac{1}{2} \div 3\frac{1}{3} = \frac{1}{2} \div \frac{10}{3} = \frac{1}{2} \times \frac{3}{10} = \frac{3}{20}$$

$$9. \frac{2}{5} \div 2\frac{1}{2} = \frac{2}{5} \div \frac{5}{2} = \frac{2}{5} \times \frac{2}{5} = \frac{4}{25}$$

$$10. \frac{5}{8} \div 1\frac{7}{9} = \frac{5}{8} \div \frac{16}{9} = \frac{5}{8} \times \frac{9}{16} = \frac{45}{128}$$