

Multiplying and Dividing Proper and Mixed Fractions (E)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

5. $1\frac{2}{7} \div \frac{3}{4} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

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

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

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

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

Multiplying and Dividing Proper and Mixed Fractions (E) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \frac{1}{3} \times 3\frac{6}{7} = \frac{1}{3} \times \frac{27}{7} = \frac{27}{21} = \frac{9}{7} = 1\frac{2}{7}$$

$$2. 2\frac{1}{3} \times \frac{2}{7} = \frac{7}{3} \times \frac{2}{7} = \frac{14}{21} = \frac{2}{3}$$

$$3. \frac{5}{6} \div 3\frac{1}{2} = \frac{5}{6} \div \frac{7}{2} = \frac{5}{6} \times \frac{2}{7} = \frac{10}{42} = \frac{5}{21}$$

$$4. \frac{3}{4} \div 3\frac{1}{2} = \frac{3}{4} \div \frac{7}{2} = \frac{3}{4} \times \frac{2}{7} = \frac{6}{28} = \frac{3}{14}$$

$$5. 1\frac{2}{7} \div \frac{3}{4} = \frac{9}{7} \div \frac{3}{4} = \frac{9}{7} \times \frac{4}{3} = \frac{36}{21} = \frac{12}{7} = 1\frac{5}{7}$$

$$6. \frac{4}{5} \div 2\frac{2}{5} = \frac{4}{5} \div \frac{12}{5} = \frac{4}{5} \times \frac{5}{12} = \frac{20}{60} = \frac{1}{3}$$

$$7. \frac{3}{5} \times 2\frac{2}{3} = \frac{3}{5} \times \frac{8}{3} = \frac{24}{15} = \frac{8}{5} = 1\frac{3}{5}$$

$$8. 1\frac{1}{8} \div \frac{7}{8} = \frac{9}{8} \div \frac{7}{8} = \frac{9}{8} \times \frac{8}{7} = \frac{72}{56} = \frac{9}{7} = 1\frac{2}{7}$$

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

$$10. \frac{2}{3} \times 2\frac{3}{4} = \frac{2}{3} \times \frac{11}{4} = \frac{22}{12} = \frac{11}{6} = 1\frac{5}{6}$$