

Multiplying and Dividing Proper and Mixed Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

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

10. $\frac{3}{8} \times 2\frac{3}{7} = \text{---} \times \text{---} = \text{---}$

Multiplying and Dividing Proper and Mixed Fractions (D) Answers

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Calculate each result.

$$1. \quad 1\frac{2}{9} \div \frac{4}{5} = \frac{11}{9} \div \frac{4}{5} = \frac{11}{9} \times \frac{5}{4} = \frac{55}{36} = 1\frac{19}{36}$$

$$2. \quad \frac{3}{4} \div 2\frac{2}{3} = \frac{3}{4} \div \frac{8}{3} = \frac{3}{4} \times \frac{3}{8} = \frac{9}{32}$$

$$3. \quad \frac{2}{5} \div 3\frac{1}{8} = \frac{2}{5} \div \frac{25}{8} = \frac{2}{5} \times \frac{8}{25} = \frac{16}{125}$$

$$4. \quad \frac{1}{4} \div 2\frac{5}{7} = \frac{1}{4} \div \frac{19}{7} = \frac{1}{4} \times \frac{7}{19} = \frac{7}{76}$$

$$5. \quad 3\frac{1}{2} \times \frac{1}{5} = \frac{7}{2} \times \frac{1}{5} = \frac{7}{10}$$

$$6. \quad \frac{1}{2} \div 2\frac{2}{3} = \frac{1}{2} \div \frac{8}{3} = \frac{1}{2} \times \frac{3}{8} = \frac{3}{16}$$

$$7. \quad 1\frac{1}{2} \times \frac{1}{2} = \frac{3}{2} \times \frac{1}{2} = \frac{3}{4}$$

$$8. \quad 1\frac{6}{7} \times \frac{6}{7} = \frac{13}{7} \times \frac{6}{7} = \frac{78}{49} = 1\frac{29}{49}$$

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

$$10. \quad \frac{3}{8} \times 2\frac{3}{7} = \frac{3}{8} \times \frac{17}{7} = \frac{51}{56}$$