

Multiplying and Dividing Mixed Fractions (C)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

4. $2\frac{2}{3} \div 4\frac{5}{8} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

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

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

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

8. $2\frac{1}{5} \div 4\frac{2}{3} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

9. $4\frac{6}{7} \times 4\frac{7}{9} = \text{---} \times \text{---} = \text{---} = \text{---}$

10. $4\frac{4}{7} \times 1\frac{2}{7} = \text{---} \times \text{---} = \text{---} = \text{---}$

Multiplying and Dividing Mixed Fractions (C) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 4\frac{2}{5} \div 1\frac{2}{3} = \frac{22}{5} \div \frac{5}{3} = \frac{22}{5} \times \frac{3}{5} = \frac{66}{25} = 2\frac{16}{25}$$

$$2. \quad 5\frac{1}{9} \times 2\frac{5}{9} = \frac{46}{9} \times \frac{23}{9} = \frac{1058}{81} = 13\frac{5}{81}$$

$$3. \quad 2\frac{5}{8} \times 1\frac{1}{5} = \frac{21}{8} \times \frac{6}{5} = \frac{126}{40} = \frac{63}{20} = 3\frac{3}{20}$$

$$4. \quad 2\frac{2}{3} \div 4\frac{5}{8} = \frac{8}{3} \div \frac{37}{8} = \frac{8}{3} \times \frac{8}{37} = \frac{64}{111}$$

$$5. \quad 5\frac{1}{6} \times 2\frac{1}{4} = \frac{31}{6} \times \frac{9}{4} = \frac{279}{24} = \frac{93}{8} = 11\frac{5}{8}$$

$$6. \quad 4\frac{1}{2} \div 4\frac{2}{3} = \frac{9}{2} \div \frac{14}{3} = \frac{9}{2} \times \frac{3}{14} = \frac{27}{28}$$

$$7. \quad 3\frac{1}{2} \div 2\frac{1}{2} = \frac{7}{2} \div \frac{5}{2} = \frac{7}{2} \times \frac{2}{5} = \frac{14}{10} = \frac{7}{5} = 1\frac{2}{5}$$

$$8. \quad 2\frac{1}{5} \div 4\frac{2}{3} = \frac{11}{5} \div \frac{14}{3} = \frac{11}{5} \times \frac{3}{14} = \frac{33}{70}$$

$$9. \quad 4\frac{6}{7} \times 4\frac{7}{9} = \frac{34}{7} \times \frac{43}{9} = \frac{1462}{63} = 23\frac{13}{63}$$

$$10. \quad 4\frac{4}{7} \times 1\frac{2}{7} = \frac{32}{7} \times \frac{9}{7} = \frac{288}{49} = 5\frac{43}{49}$$