

Multiplying and Dividing Proper and Mixed Fractions (C)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{1}{2} \times 2\frac{8}{9} =$

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

3. $2\frac{2}{7} \times \frac{4}{5} =$

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

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

6. $3\frac{1}{2} \times \frac{7}{8} =$

7. $\frac{4}{7} \times 2\frac{4}{7} =$

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

9. $\frac{1}{2} \div 1\frac{1}{2} =$

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

Multiplying and Dividing Proper and Mixed Fractions (C) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \frac{1}{2} \times 2\frac{8}{9} = \frac{1}{2} \times \frac{26}{9} = \frac{26}{18} = \frac{13}{9} = 1\frac{4}{9}$$

$$2. \frac{1}{3} \times 3\frac{5}{6} = \frac{1}{3} \times \frac{23}{6} = \frac{23}{18} = 1\frac{5}{18}$$

$$3. 2\frac{2}{7} \times \frac{4}{5} = \frac{16}{7} \times \frac{4}{5} = \frac{64}{35} = 1\frac{29}{35}$$

$$4. 1\frac{2}{3} \div \frac{3}{4} = \frac{5}{3} \div \frac{3}{4} = \frac{5}{3} \times \frac{4}{3} = \frac{20}{9} = 2\frac{2}{9}$$

$$5. 2\frac{3}{4} \div \frac{5}{6} = \frac{11}{4} \div \frac{5}{6} = \frac{11}{4} \times \frac{6}{5} = \frac{66}{20} = \frac{33}{10} = 3\frac{3}{10}$$

$$6. 3\frac{1}{2} \times \frac{7}{8} = \frac{7}{2} \times \frac{7}{8} = \frac{49}{16} = 3\frac{1}{16}$$

$$7. \frac{4}{7} \times 2\frac{4}{7} = \frac{4}{7} \times \frac{18}{7} = \frac{72}{49} = 1\frac{23}{49}$$

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

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

$$10. \frac{3}{8} \div 2\frac{1}{3} = \frac{3}{8} \div \frac{7}{3} = \frac{3}{8} \times \frac{3}{7} = \frac{9}{56}$$