

Multiplying and Dividing Proper and Mixed Fractions (C)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

7. $\frac{1}{2} \div 1\frac{5}{8} =$

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

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

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

Multiplying and Dividing Proper and Mixed Fractions (C) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \frac{4}{9} \times 3\frac{3}{4} = \frac{4}{9} \times \frac{15}{4} = \frac{60}{36} = \frac{5}{3} = 1\frac{2}{3}$$

$$2. \frac{5}{6} \div 3\frac{1}{3} = \frac{5}{6} \div \frac{10}{3} = \frac{5}{6} \times \frac{3}{10} = \frac{15}{60} = \frac{1}{4}$$

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

$$4. 2\frac{1}{4} \div \frac{1}{2} = \frac{9}{4} \div \frac{1}{2} = \frac{9}{4} \times \frac{2}{1} = \frac{18}{4} = \frac{9}{2} = 4\frac{1}{2}$$

$$5. \frac{1}{3} \times 3\frac{3}{5} = \frac{1}{3} \times \frac{18}{5} = \frac{18}{15} = \frac{6}{5} = 1\frac{1}{5}$$

$$6. 1\frac{7}{8} \times \frac{1}{3} = \frac{15}{8} \times \frac{1}{3} = \frac{15}{24} = \frac{5}{8}$$

$$7. \frac{1}{2} \div 1\frac{5}{8} = \frac{1}{2} \div \frac{13}{8} = \frac{1}{2} \times \frac{8}{13} = \frac{8}{26} = \frac{4}{13}$$

$$8. \frac{2}{3} \div 1\frac{1}{3} = \frac{2}{3} \div \frac{4}{3} = \frac{2}{3} \times \frac{3}{4} = \frac{6}{12} = \frac{1}{2}$$

$$9. \frac{1}{6} \div 3\frac{1}{6} = \frac{1}{6} \div \frac{19}{6} = \frac{1}{6} \times \frac{6}{19} = \frac{6}{114} = \frac{1}{19}$$

$$10. 1\frac{1}{2} \times \frac{1}{3} = \frac{3}{2} \times \frac{1}{3} = \frac{3}{6} = \frac{1}{2}$$