

Multiplying and Dividing Proper and Mixed Fractions (A)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

3. $2\frac{1}{2} \div \frac{5}{7} =$

4. $\frac{1}{8} \times 3\frac{1}{5} =$

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

6. $1\frac{5}{6} \div \frac{3}{4} =$

7. $\frac{1}{2} \times 3\frac{5}{9} =$

8. $\frac{1}{4} \times 1\frac{5}{7} =$

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

10. $\frac{2}{3} \div 3\frac{5}{9} =$

Multiplying and Dividing Proper and Mixed Fractions (A) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

$$2. 2\frac{2}{7} \times \frac{1}{2} = \frac{16}{7} \times \frac{1}{2} = \frac{16}{14} = \frac{8}{7} = 1\frac{1}{7}$$

$$3. 2\frac{1}{2} \div \frac{5}{7} = \frac{5}{2} \div \frac{5}{7} = \frac{5}{2} \times \frac{7}{5} = \frac{35}{10} = \frac{7}{2} = 3\frac{1}{2}$$

$$4. \frac{1}{8} \times 3\frac{1}{5} = \frac{1}{8} \times \frac{16}{5} = \frac{16}{40} = \frac{2}{5}$$

$$5. 2\frac{4}{7} \times \frac{1}{4} = \frac{18}{7} \times \frac{1}{4} = \frac{18}{28} = \frac{9}{14}$$

$$6. 1\frac{5}{6} \div \frac{3}{4} = \frac{11}{6} \div \frac{3}{4} = \frac{11}{6} \times \frac{4}{3} = \frac{44}{18} = \frac{22}{9} = 2\frac{4}{9}$$

$$7. \frac{1}{2} \times 3\frac{5}{9} = \frac{1}{2} \times \frac{32}{9} = \frac{32}{18} = \frac{16}{9} = 1\frac{7}{9}$$

$$8. \frac{1}{4} \times 1\frac{5}{7} = \frac{1}{4} \times \frac{12}{7} = \frac{12}{28} = \frac{3}{7}$$

$$9. \frac{1}{4} \div 1\frac{3}{4} = \frac{1}{4} \div \frac{7}{4} = \frac{1}{4} \times \frac{4}{7} = \frac{4}{28} = \frac{1}{7}$$

$$10. \frac{2}{3} \div 3\frac{5}{9} = \frac{2}{3} \div \frac{32}{9} = \frac{2}{3} \times \frac{9}{32} = \frac{18}{96} = \frac{3}{16}$$