

Multiplying and Dividing Various Fractions (A)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $1\frac{2}{3} \times \frac{11}{9} =$

2. $\frac{20}{7} \div 3\frac{4}{5} =$

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

4. $2\frac{3}{4} \times 1\frac{6}{7} =$

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

6. $\frac{16}{9} \times \frac{1}{5} =$

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

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

9. $\frac{20}{7} \div \frac{7}{9} =$

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

Multiplying and Dividing Various Fractions (A) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 1\frac{2}{3} \times \frac{11}{9} = \frac{5}{3} \times \frac{11}{9} = \frac{55}{27} = 2\frac{1}{27}$$

$$2. \quad \frac{20}{7} \div 3\frac{4}{5} = \frac{20}{7} \div \frac{19}{5} = \frac{20}{7} \times \frac{5}{19} = \frac{100}{133}$$

$$3. \quad \frac{1}{9} \div \frac{9}{4} = \frac{1}{9} \div \frac{9}{4} = \frac{1}{9} \times \frac{4}{9} = \frac{4}{81}$$

$$4. \quad 2\frac{3}{4} \times 1\frac{6}{7} = \frac{11}{4} \times \frac{13}{7} = \frac{143}{28} = 5\frac{3}{28}$$

$$5. \quad 2\frac{1}{4} \times \frac{7}{2} = \frac{9}{4} \times \frac{7}{2} = \frac{63}{8} = 7\frac{7}{8}$$

$$6. \quad \frac{16}{9} \times \frac{1}{5} = \frac{16}{9} \times \frac{1}{5} = \frac{16}{45}$$

$$7. \quad 2\frac{1}{3} \div 3\frac{2}{5} = \frac{7}{3} \div \frac{17}{5} = \frac{7}{3} \times \frac{5}{17} = \frac{35}{51}$$

$$8. \quad 2\frac{1}{2} \times \frac{3}{4} = \frac{5}{2} \times \frac{3}{4} = \frac{15}{8} = 1\frac{7}{8}$$

$$9. \quad \frac{20}{7} \div \frac{7}{9} = \frac{20}{7} \div \frac{7}{9} = \frac{20}{7} \times \frac{9}{7} = \frac{180}{49} = 3\frac{33}{49}$$

$$10. \quad 2\frac{2}{7} \div 1\frac{2}{3} = \frac{16}{7} \div \frac{5}{3} = \frac{16}{7} \times \frac{3}{5} = \frac{48}{35} = 1\frac{13}{35}$$