

Multiplying and Dividing Various Fractions (A)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

2. $\frac{25}{9} \times \frac{6}{7} =$

3. $1\frac{8}{9} \times 3\frac{6}{7} =$

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

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

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

7. $\frac{8}{9} \times \frac{23}{6} =$

8. $3\frac{1}{9} \div \frac{12}{5} =$

9. $3\frac{5}{9} \div \frac{19}{9} =$

10. $3\frac{2}{9} \div \frac{7}{6} =$

Multiplying and Dividing Various Fractions (A) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 1\frac{2}{3} \times 1\frac{2}{5} = \frac{5}{3} \times \frac{7}{5} = \frac{35}{15} = \frac{7}{3} = 2\frac{1}{3}$$

$$2. \quad \frac{25}{9} \times \frac{6}{7} = \frac{150}{63} = \frac{50}{21} = 2\frac{8}{21}$$

$$3. \quad 1\frac{8}{9} \times 3\frac{6}{7} = \frac{17}{9} \times \frac{27}{7} = \frac{459}{63} = \frac{51}{7} = 7\frac{2}{7}$$

$$4. \quad 1\frac{1}{2} \times 2\frac{2}{3} = \frac{3}{2} \times \frac{8}{3} = \frac{24}{6} = 4$$

$$5. \quad \frac{2}{3} \div \frac{4}{3} = \frac{2}{3} \div \frac{4}{3} = \frac{2}{3} \times \frac{3}{4} = \frac{6}{12} = \frac{1}{2}$$

$$6. \quad 3\frac{1}{2} \div \frac{7}{2} = \frac{7}{2} \div \frac{7}{2} = \frac{7}{2} \times \frac{2}{7} = \frac{14}{14} = 1$$

$$7. \quad \frac{8}{9} \times \frac{23}{6} = \frac{8}{9} \times \frac{23}{6} = \frac{184}{54} = \frac{92}{27} = 3\frac{11}{27}$$

$$8. \quad 3\frac{1}{9} \div \frac{12}{5} = \frac{28}{9} \div \frac{12}{5} = \frac{28}{9} \times \frac{5}{12} = \frac{140}{108} = \frac{35}{27} = 1\frac{8}{27}$$

$$9. \quad 3\frac{5}{9} \div \frac{19}{9} = \frac{32}{9} \div \frac{19}{9} = \frac{32}{9} \times \frac{9}{19} = \frac{288}{171} = \frac{32}{19} = 1\frac{13}{19}$$

$$10. \quad 3\frac{2}{9} \div \frac{7}{6} = \frac{29}{9} \div \frac{7}{6} = \frac{29}{9} \times \frac{6}{7} = \frac{174}{63} = \frac{58}{21} = 2\frac{16}{21}$$