

Multiplying and Dividing Various Fractions (C)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

2. $3\frac{5}{7} \div 3\frac{7}{8} =$

3. $\frac{19}{8} \div \frac{11}{4} =$

4. $\frac{1}{6} \times \frac{21}{8} =$

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

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

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

8. $1\frac{3}{8} \times \frac{13}{9} =$

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

10. $\frac{23}{7} \times 2\frac{1}{2} =$

Multiplying and Dividing Various Fractions (C) Answers

Name: _____

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Calculate each result.

$$1. \quad 3\frac{3}{8} \times \frac{2}{5} = \frac{27}{8} \times \frac{2}{5} = \frac{54}{40} = \frac{27}{20} = 1\frac{7}{20}$$

$$2. \quad 3\frac{5}{7} \div 3\frac{7}{8} = \frac{26}{7} \div \frac{31}{8} = \frac{26}{7} \times \frac{8}{31} = \frac{208}{217}$$

$$3. \quad \frac{19}{8} \div \frac{11}{4} = \frac{19}{8} \times \frac{4}{11} = \frac{76}{88} = \frac{19}{22}$$

$$4. \quad \frac{1}{6} \times \frac{21}{8} = \frac{1}{6} \times \frac{21}{8} = \frac{21}{48} = \frac{7}{16}$$

$$5. \quad \frac{2}{3} \div 2\frac{5}{6} = \frac{2}{3} \div \frac{17}{6} = \frac{2}{3} \times \frac{6}{17} = \frac{12}{51} = \frac{4}{17}$$

$$6. \quad \frac{7}{3} \times 2\frac{1}{3} = \frac{7}{3} \times \frac{7}{3} = \frac{49}{9} = 5\frac{4}{9}$$

$$7. \quad 2\frac{1}{2} \div 3\frac{1}{4} = \frac{5}{2} \div \frac{13}{4} = \frac{5}{2} \times \frac{4}{13} = \frac{20}{26} = \frac{10}{13}$$

$$8. \quad 1\frac{3}{8} \times \frac{13}{9} = \frac{11}{8} \times \frac{13}{9} = \frac{143}{72} = 1\frac{71}{72}$$

$$9. \quad \frac{9}{5} \div 3\frac{1}{2} = \frac{9}{5} \div \frac{7}{2} = \frac{9}{5} \times \frac{2}{7} = \frac{18}{35}$$

$$10. \quad \frac{23}{7} \times 2\frac{1}{2} = \frac{23}{7} \times \frac{5}{2} = \frac{115}{14} = 8\frac{3}{14}$$