

Multiplying and Dividing Various Fractions (I)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

4. $1\frac{6}{7} \times \frac{5}{8} =$

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

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

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

8. $\frac{19}{5} \div \frac{3}{7} =$

9. $2\frac{2}{5} \div \frac{25}{8} =$

10. $\frac{29}{8} \div 3\frac{2}{3} =$

Multiplying and Dividing Various Fractions (I) Answers

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Calculate each result.

$$1. \quad 2\frac{1}{3} \times 3\frac{1}{3} = \frac{7}{3} \times \frac{10}{3} = \frac{70}{9} = 7\frac{7}{9}$$

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

$$3. \quad 2\frac{1}{3} \times \frac{8}{5} = \frac{7}{3} \times \frac{8}{5} = \frac{56}{15} = 3\frac{11}{15}$$

$$4. \quad 1\frac{6}{7} \times \frac{5}{8} = \frac{13}{7} \times \frac{5}{8} = \frac{65}{56} = 1\frac{9}{56}$$

$$5. \quad 1\frac{1}{3} \times 2\frac{3}{5} = \frac{4}{3} \times \frac{13}{5} = \frac{52}{15} = 3\frac{7}{15}$$

$$6. \quad 2\frac{2}{5} \div 1\frac{1}{6} = \frac{12}{5} \div \frac{7}{6} = \frac{12}{5} \times \frac{6}{7} = \frac{72}{35} = 2\frac{2}{35}$$

$$7. \quad 2\frac{1}{3} \div \frac{9}{5} = \frac{7}{3} \div \frac{9}{5} = \frac{7}{3} \times \frac{5}{9} = \frac{35}{27} = 1\frac{8}{27}$$

$$8. \quad \frac{19}{5} \div \frac{3}{7} = \frac{19}{5} \div \frac{3}{7} = \frac{19}{5} \times \frac{7}{3} = \frac{133}{15} = 8\frac{13}{15}$$

$$9. \quad 2\frac{2}{5} \div \frac{25}{8} = \frac{12}{5} \div \frac{25}{8} = \frac{12}{5} \times \frac{8}{25} = \frac{96}{125}$$

$$10. \quad \frac{29}{8} \div 3\frac{2}{3} = \frac{29}{8} \div \frac{11}{3} = \frac{29}{8} \times \frac{3}{11} = \frac{87}{88}$$