

Multiplying and Dividing Various Fractions (G)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{11}{3} \times \frac{8}{9} =$

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

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

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

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

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

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

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

9. $3\frac{3}{4} \div \frac{2}{3} =$

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

Multiplying and Dividing Various Fractions (G) Answers

Name: _____

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Calculate each result.

$$1. \quad \frac{11}{3} \times \frac{8}{9} = \frac{11}{3} \times \frac{8}{9} = \frac{88}{27} = 3\frac{7}{27}$$

$$2. \quad 2\frac{1}{4} \div 3\frac{1}{3} = \frac{9}{4} \div \frac{10}{3} = \frac{9}{4} \times \frac{3}{10} = \frac{27}{40}$$

$$3. \quad 2\frac{6}{7} \times \frac{3}{7} = \frac{20}{7} \times \frac{3}{7} = \frac{60}{49} = 1\frac{11}{49}$$

$$4. \quad 3\frac{1}{7} \times 1\frac{6}{7} = \frac{22}{7} \times \frac{13}{7} = \frac{286}{49} = 5\frac{41}{49}$$

$$5. \quad \frac{1}{6} \times \frac{7}{3} = \frac{7}{18}$$

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

$$7. \quad 2\frac{2}{9} \div \frac{1}{2} = \frac{20}{9} \div \frac{1}{2} = \frac{20}{9} \times \frac{2}{1} = \frac{40}{9} = 4\frac{4}{9}$$

$$8. \quad \frac{1}{6} \div 3\frac{3}{5} = \frac{1}{6} \div \frac{18}{5} = \frac{1}{6} \times \frac{5}{18} = \frac{5}{108}$$

$$9. \quad 3\frac{3}{4} \div \frac{2}{3} = \frac{15}{4} \div \frac{2}{3} = \frac{15}{4} \times \frac{3}{2} = \frac{45}{8} = 5\frac{5}{8}$$

$$10. \quad 1\frac{3}{7} \div \frac{7}{3} = \frac{10}{7} \div \frac{7}{3} = \frac{10}{7} \times \frac{3}{7} = \frac{30}{49}$$