

Multiplying and Dividing Mixed Fractions (G)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

2. $3\frac{7}{9} \times 5\frac{2}{3} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

3. $5\frac{3}{4} \times 1\frac{4}{5} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

4. $3\frac{1}{4} \div 4\frac{7}{9} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

5. $2\frac{6}{7} \times 3\frac{5}{7} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

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

9. $2\frac{1}{4} \div 3\frac{2}{3} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

10. $5\frac{7}{9} \div 3\frac{1}{2} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

Multiplying and Dividing Mixed Fractions (G) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 3\frac{1}{2} \times 5\frac{2}{3} = \frac{7}{2} \times \frac{17}{3} = \frac{119}{6} = 19\frac{5}{6}$$

$$2. \quad 3\frac{7}{9} \times 5\frac{2}{3} = \frac{34}{9} \times \frac{17}{3} = \frac{578}{27} = 21\frac{11}{27}$$

$$3. \quad 5\frac{3}{4} \times 1\frac{4}{5} = \frac{23}{4} \times \frac{9}{5} = \frac{207}{20} = 10\frac{7}{20}$$

$$4. \quad 3\frac{1}{4} \div 4\frac{7}{9} = \frac{13}{4} \div \frac{43}{9} = \frac{13}{4} \times \frac{9}{43} = \frac{117}{172}$$

$$5. \quad 2\frac{6}{7} \times 3\frac{5}{7} = \frac{20}{7} \times \frac{26}{7} = \frac{520}{49} = 10\frac{30}{49}$$

$$6. \quad 3\frac{1}{2} \div 1\frac{2}{3} = \frac{7}{2} \div \frac{5}{3} = \frac{7}{2} \times \frac{3}{5} = \frac{21}{10} = 2\frac{1}{10}$$

$$7. \quad 2\frac{5}{6} \times 4\frac{1}{3} = \frac{17}{6} \times \frac{13}{3} = \frac{221}{18} = 12\frac{5}{18}$$

$$8. \quad 5\frac{1}{2} \div 2\frac{2}{3} = \frac{11}{2} \div \frac{8}{3} = \frac{11}{2} \times \frac{3}{8} = \frac{33}{16} = 2\frac{1}{16}$$

$$9. \quad 2\frac{1}{4} \div 3\frac{2}{3} = \frac{9}{4} \div \frac{11}{3} = \frac{9}{4} \times \frac{3}{11} = \frac{27}{44}$$

$$10. \quad 5\frac{7}{9} \div 3\frac{1}{2} = \frac{52}{9} \div \frac{7}{2} = \frac{52}{9} \times \frac{2}{7} = \frac{104}{63} = 1\frac{41}{63}$$