

Multiplying and Dividing Mixed Fractions (B)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $5\frac{7}{8} \div 1\frac{2}{7} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

4. $1\frac{4}{9} \div 5\frac{3}{8} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

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

6. $2\frac{7}{9} \times 3\frac{5}{7} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

9. $5\frac{4}{5} \times 3\frac{1}{2} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

10. $4\frac{1}{6} \times 3\frac{8}{9} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

Multiplying and Dividing Mixed Fractions (B) Answers

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Date: _____

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Calculate each result.

$$1. \quad 5\frac{7}{8} \div 1\frac{2}{7} = \frac{47}{8} \div \frac{9}{7} = \frac{47}{8} \times \frac{7}{9} = \frac{329}{72} = 4\frac{41}{72}$$

$$2. \quad 1\frac{1}{2} \div 5\frac{5}{7} = \frac{3}{2} \div \frac{40}{7} = \frac{3}{2} \times \frac{7}{40} = \frac{21}{80}$$

$$3. \quad 4\frac{3}{7} \div 5\frac{1}{4} = \frac{31}{7} \div \frac{21}{4} = \frac{31}{7} \times \frac{4}{21} = \frac{124}{147}$$

$$4. \quad 1\frac{4}{9} \div 5\frac{3}{8} = \frac{13}{9} \div \frac{43}{8} = \frac{13}{9} \times \frac{8}{43} = \frac{104}{387}$$

$$5. \quad 2\frac{3}{4} \div 1\frac{2}{3} = \frac{11}{4} \div \frac{5}{3} = \frac{11}{4} \times \frac{3}{5} = \frac{33}{20} = 1\frac{13}{20}$$

$$6. \quad 2\frac{7}{9} \times 3\frac{5}{7} = \frac{25}{9} \times \frac{26}{7} = \frac{650}{63} = 10\frac{20}{63}$$

$$7. \quad 2\frac{1}{3} \times 4\frac{1}{3} = \frac{7}{3} \times \frac{13}{3} = \frac{91}{9} = 10\frac{1}{9}$$

$$8. \quad 3\frac{2}{3} \times 5\frac{1}{3} = \frac{11}{3} \times \frac{16}{3} = \frac{176}{9} = 19\frac{5}{9}$$

$$9. \quad 5\frac{4}{5} \times 3\frac{1}{2} = \frac{29}{5} \times \frac{7}{2} = \frac{203}{10} = 20\frac{3}{10}$$

$$10. \quad 4\frac{1}{6} \times 3\frac{8}{9} = \frac{25}{6} \times \frac{35}{9} = \frac{875}{54} = 16\frac{11}{54}$$