

Multiplying and Dividing Mixed Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

8. $4\frac{1}{2} \div 3\frac{1}{4} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

Multiplying and Dividing Mixed Fractions (D) Answers

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Calculate each result.

$$1. \quad 5\frac{1}{2} \div 5\frac{1}{2} = \frac{11}{2} \div \frac{11}{2} = \frac{11}{2} \times \frac{2}{11} = \frac{22}{22} = 1$$

$$2. \quad 5\frac{1}{4} \div 5\frac{1}{7} = \frac{21}{4} \div \frac{36}{7} = \frac{21}{4} \times \frac{7}{36} = \frac{147}{144} = \frac{49}{48} = 1\frac{1}{48}$$

$$3. \quad 5\frac{2}{5} \div 4\frac{1}{2} = \frac{27}{5} \div \frac{9}{2} = \frac{27}{5} \times \frac{2}{9} = \frac{54}{45} = \frac{6}{5} = 1\frac{1}{5}$$

$$4. \quad 4\frac{7}{8} \times 1\frac{1}{6} = \frac{39}{8} \times \frac{7}{6} = \frac{273}{48} = \frac{91}{16} = 5\frac{11}{16}$$

$$5. \quad 4\frac{4}{5} \times 4\frac{1}{4} = \frac{24}{5} \times \frac{17}{4} = \frac{408}{20} = \frac{102}{5} = 20\frac{2}{5}$$

$$6. \quad 3\frac{1}{2} \times 2\frac{5}{7} = \frac{7}{2} \times \frac{19}{7} = \frac{133}{14} = \frac{19}{2} = 9\frac{1}{2}$$

$$7. \quad 3\frac{2}{3} \div 3\frac{2}{3} = \frac{11}{3} \div \frac{11}{3} = \frac{11}{3} \times \frac{3}{11} = \frac{33}{33} = 1$$

$$8. \quad 4\frac{1}{2} \div 3\frac{1}{4} = \frac{9}{2} \div \frac{13}{4} = \frac{9}{2} \times \frac{4}{13} = \frac{36}{26} = \frac{18}{13} = 1\frac{5}{13}$$

$$9. \quad 1\frac{1}{2} \times 3\frac{1}{3} = \frac{3}{2} \times \frac{10}{3} = \frac{30}{6} = 5$$

$$10. \quad 2\frac{1}{2} \times 2\frac{3}{5} = \frac{5}{2} \times \frac{13}{5} = \frac{65}{10} = \frac{13}{2} = 6\frac{1}{2}$$