

Multiplying and Dividing Mixed Fractions (E)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

4. $5\frac{7}{8} \times 2\frac{5}{7} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

6. $5\frac{1}{4} \times 4\frac{3}{8} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

8. $5\frac{1}{2} \div 2\frac{1}{9} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

Multiplying and Dividing Mixed Fractions (E) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 3\frac{6}{7} \div 3\frac{1}{4} = \frac{27}{7} \div \frac{13}{4} = \frac{27}{7} \times \frac{4}{13} = \frac{108}{91} = 1\frac{17}{91}$$

$$2. \quad 1\frac{1}{4} \times 5\frac{1}{2} = \frac{5}{4} \times \frac{11}{2} = \frac{55}{8} = 6\frac{7}{8}$$

$$3. \quad 3\frac{1}{2} \div 5\frac{1}{3} = \frac{7}{2} \div \frac{16}{3} = \frac{7}{2} \times \frac{3}{16} = \frac{21}{32}$$

$$4. \quad 5\frac{7}{8} \times 2\frac{5}{7} = \frac{47}{8} \times \frac{19}{7} = \frac{893}{56} = 15\frac{53}{56}$$

$$5. \quad 1\frac{1}{3} \div 5\frac{5}{8} = \frac{4}{3} \div \frac{45}{8} = \frac{4}{3} \times \frac{8}{45} = \frac{32}{135}$$

$$6. \quad 5\frac{1}{4} \times 4\frac{3}{8} = \frac{21}{4} \times \frac{35}{8} = \frac{735}{32} = 22\frac{31}{32}$$

$$7. \quad 2\frac{1}{2} \times 5\frac{2}{3} = \frac{5}{2} \times \frac{17}{3} = \frac{85}{6} = 14\frac{1}{6}$$

$$8. \quad 5\frac{1}{2} \div 2\frac{1}{9} = \frac{11}{2} \div \frac{19}{9} = \frac{11}{2} \times \frac{9}{19} = \frac{99}{38} = 2\frac{23}{38}$$

$$9. \quad 2\frac{3}{5} \times 3\frac{1}{2} = \frac{13}{5} \times \frac{7}{2} = \frac{91}{10} = 9\frac{1}{10}$$

$$10. \quad 5\frac{1}{3} \div 5\frac{1}{2} = \frac{16}{3} \div \frac{11}{2} = \frac{16}{3} \times \frac{2}{11} = \frac{32}{33}$$