

Multiplying and Dividing Two Mixed Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

3. $2\frac{3}{5} \times 2\frac{2}{3} =$

4. $2\frac{1}{9} \div 3\frac{2}{5} =$

5. $3\frac{5}{6} \div 1\frac{1}{2} =$

6. $3\frac{5}{6} \div 1\frac{1}{4} =$

7. $3\frac{1}{2} \div 2\frac{7}{8} =$

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

9. $1\frac{2}{3} \times 1\frac{3}{8} =$

10. $2\frac{2}{7} \times 3\frac{5}{9} =$

Multiplying and Dividing Two Mixed Fractions (H) Answers

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Calculate each result.

$$1. \quad 3\frac{1}{2} \div 2\frac{1}{5} = \frac{7}{2} \div \frac{11}{5} = \frac{7}{2} \times \frac{5}{11} = \frac{35}{22} = 1\frac{13}{22}$$

$$2. \quad 2\frac{2}{5} \times 1\frac{2}{3} = \frac{12}{5} \times \frac{5}{3} = \frac{60}{15} = 4$$

$$3. \quad 2\frac{3}{5} \times 2\frac{2}{3} = \frac{13}{5} \times \frac{8}{3} = \frac{104}{15} = 6\frac{14}{15}$$

$$4. \quad 2\frac{1}{9} \div 3\frac{2}{5} = \frac{19}{9} \div \frac{17}{5} = \frac{19}{9} \times \frac{5}{17} = \frac{95}{153}$$

$$5. \quad 3\frac{5}{6} \div 1\frac{1}{2} = \frac{23}{6} \div \frac{3}{2} = \frac{23}{6} \times \frac{2}{3} = \frac{46}{18} = \frac{23}{9} = 2\frac{5}{9}$$

$$6. \quad 3\frac{5}{6} \div 1\frac{1}{4} = \frac{23}{6} \div \frac{5}{4} = \frac{23}{6} \times \frac{4}{5} = \frac{92}{30} = \frac{46}{15} = 3\frac{1}{15}$$

$$7. \quad 3\frac{1}{2} \div 2\frac{7}{8} = \frac{7}{2} \div \frac{23}{8} = \frac{7}{2} \times \frac{8}{23} = \frac{56}{46} = \frac{28}{23} = 1\frac{5}{23}$$

$$8. \quad 2\frac{2}{5} \times 3\frac{1}{2} = \frac{12}{5} \times \frac{7}{2} = \frac{84}{10} = \frac{42}{5} = 8\frac{2}{5}$$

$$9. \quad 1\frac{2}{3} \times 1\frac{3}{8} = \frac{5}{3} \times \frac{11}{8} = \frac{55}{24} = 2\frac{7}{24}$$

$$10. \quad 2\frac{2}{7} \times 3\frac{5}{9} = \frac{16}{7} \times \frac{32}{9} = \frac{512}{63} = 8\frac{8}{63}$$