

Multiplying and Dividing Two Mixed Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

3. $1\frac{1}{6} \times 3\frac{1}{5} =$

4. $1\frac{1}{2} \div 1\frac{1}{8} =$

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

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

7. $2\frac{5}{6} \div 2\frac{1}{2} =$

8. $2\frac{1}{4} \div 1\frac{1}{4} =$

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

10. $2\frac{2}{3} \div 1\frac{2}{3} =$

Multiplying and Dividing Two Mixed Fractions (H) Answers

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Calculate each result.

$$1. \quad 1\frac{1}{3} \times 3\frac{1}{2} = \frac{4}{3} \times \frac{7}{2} = \frac{28}{6} = \frac{14}{3} = 4\frac{2}{3}$$

$$2. \quad 1\frac{1}{2} \times 3\frac{3}{5} = \frac{3}{2} \times \frac{18}{5} = \frac{54}{10} = \frac{27}{5} = 5\frac{2}{5}$$

$$3. \quad 1\frac{1}{6} \times 3\frac{1}{5} = \frac{7}{6} \times \frac{16}{5} = \frac{112}{30} = \frac{56}{15} = 3\frac{11}{15}$$

$$4. \quad 1\frac{1}{2} \div 1\frac{1}{8} = \frac{3}{2} \div \frac{9}{8} = \frac{3}{2} \times \frac{8}{9} = \frac{24}{18} = \frac{4}{3} = 1\frac{1}{3}$$

$$5. \quad 1\frac{1}{3} \times 3\frac{5}{8} = \frac{4}{3} \times \frac{29}{8} = \frac{116}{24} = \frac{29}{6} = 4\frac{5}{6}$$

$$6. \quad 3\frac{5}{7} \times 1\frac{1}{4} = \frac{26}{7} \times \frac{5}{4} = \frac{130}{28} = \frac{65}{14} = 4\frac{9}{14}$$

$$7. \quad 2\frac{5}{6} \div 2\frac{1}{2} = \frac{17}{6} \div \frac{5}{2} = \frac{17}{6} \times \frac{2}{5} = \frac{34}{30} = \frac{17}{15} = 1\frac{2}{15}$$

$$8. \quad 2\frac{1}{4} \div 1\frac{1}{4} = \frac{9}{4} \div \frac{5}{4} = \frac{9}{4} \times \frac{4}{5} = \frac{36}{20} = \frac{9}{5} = 1\frac{4}{5}$$

$$9. \quad 1\frac{4}{5} \div 1\frac{3}{5} = \frac{9}{5} \div \frac{8}{5} = \frac{9}{5} \times \frac{5}{8} = \frac{45}{40} = \frac{9}{8} = 1\frac{1}{8}$$

$$10. \quad 2\frac{2}{3} \div 1\frac{2}{3} = \frac{8}{3} \div \frac{5}{3} = \frac{8}{3} \times \frac{3}{5} = \frac{24}{15} = \frac{8}{5} = 1\frac{3}{5}$$