

Multiplying and Dividing Various Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

2. $\frac{4}{3} \div \frac{2}{3} =$

3. $\frac{16}{5} \div \frac{10}{3} =$

4. $\frac{11}{4} \times \frac{6}{7} =$

5. $\frac{6}{7} \div 2\frac{5}{9} =$

6. $\frac{7}{2} \div \frac{2}{3} =$

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

8. $\frac{3}{4} \times \frac{2}{3} =$

9. $3\frac{1}{8} \times 1\frac{3}{4} =$

10. $1\frac{1}{2} \times 2\frac{1}{4} =$

Multiplying and Dividing Various Fractions (H) Answers

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Calculate each result.

$$1. \quad 3\frac{1}{5} \div \frac{3}{4} = \frac{16}{5} \div \frac{3}{4} = \frac{16}{5} \times \frac{4}{3} = \frac{64}{15} = 4\frac{4}{15}$$

$$2. \quad \frac{4}{3} \div \frac{2}{3} = \frac{4}{3} \times \frac{3}{2} = \frac{12}{6} = 2$$

$$3. \quad \frac{16}{5} \div \frac{10}{3} = \frac{16}{5} \times \frac{3}{10} = \frac{48}{50} = \frac{24}{25}$$

$$4. \quad \frac{11}{4} \times \frac{6}{7} = \frac{11}{4} \times \frac{6}{7} = \frac{66}{28} = \frac{33}{14} = 2\frac{5}{14}$$

$$5. \quad \frac{6}{7} \div 2\frac{5}{9} = \frac{6}{7} \div \frac{23}{9} = \frac{6}{7} \times \frac{9}{23} = \frac{54}{161}$$

$$6. \quad \frac{7}{2} \div \frac{2}{3} = \frac{7}{2} \times \frac{3}{2} = \frac{21}{4} = 5\frac{1}{4}$$

$$7. \quad 3\frac{2}{3} \times 1\frac{3}{5} = \frac{11}{3} \times \frac{8}{5} = \frac{88}{15} = 5\frac{13}{15}$$

$$8. \quad \frac{3}{4} \times \frac{2}{3} = \frac{3}{4} \times \frac{2}{3} = \frac{6}{12} = \frac{1}{2}$$

$$9. \quad 3\frac{1}{8} \times 1\frac{3}{4} = \frac{25}{8} \times \frac{7}{4} = \frac{175}{32} = 5\frac{15}{32}$$

$$10. \quad 1\frac{1}{2} \times 2\frac{1}{4} = \frac{3}{2} \times \frac{9}{4} = \frac{27}{8} = 3\frac{3}{8}$$