

Multiplying and Dividing Various Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

5. $1\frac{7}{8} \div \frac{5}{6} =$

6. $\frac{13}{4} \div 2\frac{3}{4} =$

7. $\frac{22}{7} \times \frac{7}{2} =$

8. $\frac{27}{8} \times 3\frac{1}{3} =$

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

10. $\frac{7}{3} \times \frac{4}{7} =$

Multiplying and Dividing Various Fractions (H) Answers

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Calculate each result.

$$1. \quad \frac{9}{5} \div \frac{3}{2} = \frac{9}{5} \times \frac{2}{3} = \frac{18}{15} = \frac{6}{5} = 1\frac{1}{5}$$

$$2. \quad \frac{5}{2} \div 1\frac{3}{4} = \frac{5}{2} \div \frac{7}{4} = \frac{5}{2} \times \frac{4}{7} = \frac{20}{14} = \frac{10}{7} = 1\frac{3}{7}$$

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

$$4. \quad \frac{2}{3} \times \frac{5}{2} = \frac{2}{3} \times \frac{5}{2} = \frac{10}{6} = \frac{5}{3} = 1\frac{2}{3}$$

$$5. \quad 1\frac{7}{8} \div \frac{5}{6} = \frac{15}{8} \div \frac{5}{6} = \frac{15}{8} \times \frac{6}{5} = \frac{90}{40} = \frac{9}{4} = 2\frac{1}{4}$$

$$6. \quad \frac{13}{4} \div 2\frac{3}{4} = \frac{13}{4} \div \frac{11}{4} = \frac{13}{4} \times \frac{4}{11} = \frac{52}{44} = \frac{13}{11} = 1\frac{2}{11}$$

$$7. \quad \frac{22}{7} \times \frac{7}{2} = \frac{154}{14} = 11$$

$$8. \quad \frac{27}{8} \times 3\frac{1}{3} = \frac{27}{8} \times \frac{10}{3} = \frac{270}{24} = \frac{45}{4} = 11\frac{1}{4}$$

$$9. \quad \frac{3}{2} \times \frac{5}{3} = \frac{15}{6} = \frac{5}{2} = 2\frac{1}{2}$$

$$10. \quad \frac{7}{3} \times \frac{4}{7} = \frac{7}{3} \times \frac{4}{7} = \frac{28}{21} = \frac{4}{3} = 1\frac{1}{3}$$