

Dividing Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

2. $\frac{6}{5} \div 4 =$

3. $8 \div \frac{8}{3} =$

4. $4 \div \frac{12}{5} =$

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

6. $9 \div \frac{12}{7} =$

7. $9 \div \frac{15}{8} =$

8. $\frac{14}{5} \div 7 =$

9. $6 \div \frac{4}{3} =$

10. $4 \div \frac{26}{9} =$

Dividing Fractions (H) Answers

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Calculate each quotient.

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

$$2. \quad \frac{6}{5} \div 4 = \frac{6}{5} \div \frac{4}{1} = \frac{6}{5} \times \frac{1}{4} = \frac{6}{20} = \frac{3}{10}$$

$$3. \quad 8 \div \frac{8}{3} = \frac{8}{1} \div \frac{8}{3} = \frac{8}{1} \times \frac{3}{8} = \frac{24}{8} = 3$$

$$4. \quad 4 \div \frac{12}{5} = \frac{4}{1} \div \frac{12}{5} = \frac{4}{1} \times \frac{5}{12} = \frac{20}{12} = \frac{5}{3} = 1\frac{2}{3}$$

$$5. \quad \frac{4}{3} \div 6 = \frac{4}{3} \div \frac{6}{1} = \frac{4}{3} \times \frac{1}{6} = \frac{4}{18} = \frac{2}{9}$$

$$6. \quad 9 \div \frac{12}{7} = \frac{9}{1} \div \frac{12}{7} = \frac{9}{1} \times \frac{7}{12} = \frac{63}{12} = \frac{21}{4} = 5\frac{1}{4}$$

$$7. \quad 9 \div \frac{15}{8} = \frac{9}{1} \div \frac{15}{8} = \frac{9}{1} \times \frac{8}{15} = \frac{72}{15} = \frac{24}{5} = 4\frac{4}{5}$$

$$8. \quad \frac{14}{5} \div 7 = \frac{14}{5} \div \frac{7}{1} = \frac{14}{5} \times \frac{1}{7} = \frac{14}{35} = \frac{2}{5}$$

$$9. \quad 6 \div \frac{4}{3} = \frac{6}{1} \div \frac{4}{3} = \frac{6}{1} \times \frac{3}{4} = \frac{18}{4} = \frac{9}{2} = 4\frac{1}{2}$$

$$10. \quad 4 \div \frac{26}{9} = \frac{4}{1} \div \frac{26}{9} = \frac{4}{1} \times \frac{9}{26} = \frac{36}{26} = \frac{18}{13} = 1\frac{5}{13}$$