

Dividing Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

2. $\frac{4}{3} \div \frac{20}{7} = \text{---} \times \text{---} = \text{---} = \text{---}$

3. $\frac{25}{9} \div \frac{17}{6} = \text{---} \times \text{---} = \text{---} = \text{---}$

4. $\frac{3}{2} \div \frac{11}{8} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

5. $\frac{8}{3} \div \frac{8}{7} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

6. $\frac{5}{2} \div \frac{17}{6} = \text{---} \times \text{---} = \text{---} = \text{---}$

7. $\frac{21}{8} \div \frac{12}{5} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

8. $\frac{9}{7} \div \frac{6}{5} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

9. $\frac{7}{3} \div \frac{7}{3} = \text{---} \times \text{---} = \text{---} = \text{---}$

10. $\frac{12}{7} \div \frac{6}{5} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

Dividing Fractions (H) Answers

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Calculate each quotient.

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

$$2. \quad \frac{4}{3} \div \frac{20}{7} = \frac{4}{3} \times \frac{7}{20} = \frac{28}{60} = \frac{7}{15}$$

$$3. \quad \frac{25}{9} \div \frac{17}{6} = \frac{25}{9} \times \frac{6}{17} = \frac{150}{153} = \frac{50}{51}$$

$$4. \quad \frac{3}{2} \div \frac{11}{8} = \frac{3}{2} \times \frac{8}{11} = \frac{24}{22} = \frac{12}{11} = 1\frac{1}{11}$$

$$5. \quad \frac{8}{3} \div \frac{8}{7} = \frac{8}{3} \times \frac{7}{8} = \frac{56}{24} = \frac{7}{3} = 2\frac{1}{3}$$

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

$$7. \quad \frac{21}{8} \div \frac{12}{5} = \frac{21}{8} \times \frac{5}{12} = \frac{105}{96} = \frac{35}{32} = 1\frac{3}{32}$$

$$8. \quad \frac{9}{7} \div \frac{6}{5} = \frac{9}{7} \times \frac{5}{6} = \frac{45}{42} = \frac{15}{14} = 1\frac{1}{14}$$

$$9. \quad \frac{7}{3} \div \frac{7}{3} = \frac{7}{3} \times \frac{3}{7} = \frac{21}{21} = 1$$

$$10. \quad \frac{12}{7} \div \frac{6}{5} = \frac{12}{7} \times \frac{5}{6} = \frac{60}{42} = \frac{10}{7} = 1\frac{3}{7}$$