

Dividing Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

1. $\frac{17}{8} \div \frac{15}{8} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

2. $\frac{15}{7} \div \frac{5}{4} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

4. $\frac{9}{4} \div \frac{9}{4} = \text{---} \times \text{---} = \text{---} =$

5. $\frac{12}{5} \div \frac{10}{9} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

7. $\frac{15}{7} \div \frac{15}{7} = \text{---} \times \text{---} = \text{---} =$

8. $\frac{5}{3} \div \frac{5}{2} = \text{---} \times \text{---} = \text{---} = \text{---}$

9. $\frac{5}{4} \div \frac{3}{2} = \text{---} \times \text{---} = \text{---} = \text{---}$

10. $\frac{13}{5} \div \frac{13}{7} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

Dividing Fractions (J) Answers

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Calculate each quotient.

$$1. \quad \frac{17}{8} \div \frac{15}{8} = \frac{17}{8} \times \frac{8}{15} = \frac{136}{120} = \frac{17}{15} = 1\frac{2}{15}$$

$$2. \quad \frac{15}{7} \div \frac{5}{4} = \frac{15}{7} \times \frac{4}{5} = \frac{60}{35} = \frac{12}{7} = 1\frac{5}{7}$$

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

$$4. \quad \frac{9}{4} \div \frac{9}{4} = \frac{9}{4} \times \frac{4}{9} = \frac{36}{36} = 1$$

$$5. \quad \frac{12}{5} \div \frac{10}{9} = \frac{12}{5} \times \frac{9}{10} = \frac{108}{50} = \frac{54}{25} = 2\frac{4}{25}$$

$$6. \quad \frac{7}{4} \div \frac{11}{4} = \frac{7}{4} \times \frac{4}{11} = \frac{28}{44} = \frac{7}{11}$$

$$7. \quad \frac{15}{7} \div \frac{15}{7} = \frac{15}{7} \times \frac{7}{15} = \frac{105}{105} = 1$$

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

$$9. \quad \frac{5}{4} \div \frac{3}{2} = \frac{5}{4} \times \frac{2}{3} = \frac{10}{12} = \frac{5}{6}$$

$$10. \quad \frac{13}{5} \div \frac{13}{7} = \frac{13}{5} \times \frac{7}{13} = \frac{91}{65} = \frac{7}{5} = 1\frac{2}{5}$$