

Dividing Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

1. $\frac{7}{2} \div \frac{5}{8} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

2. $\frac{8}{3} \div \frac{11}{5} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

4. $\frac{11}{3} \div \frac{5}{8} = \text{---} \times \text{---} = \text{---} = \text{---}$

5. $3\frac{3}{5} \div \frac{14}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

7. $1\frac{1}{5} \div \frac{1}{2} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

10. $2\frac{2}{3} \div 3\frac{1}{2} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

Dividing Fractions (J) Answers

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Calculate each quotient.

$$1. \quad \frac{7}{2} \div \frac{5}{8} = \frac{7}{2} \times \frac{8}{5} = \frac{56}{10} = \frac{28}{5} = 5\frac{3}{5}$$

$$2. \quad \frac{8}{3} \div \frac{11}{5} = \frac{8}{3} \times \frac{5}{11} = \frac{40}{33} = 1\frac{7}{33}$$

$$3. \quad 3\frac{1}{2} \div \frac{1}{3} = \frac{7}{2} \div \frac{1}{3} = \frac{7}{2} \times \frac{3}{1} = \frac{21}{2} = 10\frac{1}{2}$$

$$4. \quad \frac{11}{3} \div \frac{5}{8} = \frac{11}{3} \times \frac{8}{5} = \frac{88}{15} = 5\frac{13}{15}$$

$$5. \quad 3\frac{3}{5} \div \frac{14}{9} = \frac{18}{5} \div \frac{14}{9} = \frac{18}{5} \times \frac{9}{14} = \frac{162}{70} = \frac{81}{35} = 2\frac{11}{35}$$

$$6. \quad \frac{11}{4} \div \frac{11}{4} = \frac{11}{4} \times \frac{4}{11} = \frac{44}{44} = 1$$

$$7. \quad 1\frac{1}{5} \div \frac{1}{2} = \frac{6}{5} \div \frac{1}{2} = \frac{6}{5} \times \frac{2}{1} = \frac{12}{5} = 2\frac{2}{5}$$

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

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

$$10. \quad 2\frac{2}{3} \div 3\frac{1}{2} = \frac{8}{3} \div \frac{7}{2} = \frac{8}{3} \times \frac{2}{7} = \frac{16}{21}$$