

Dividing Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

2. $6 \div \frac{9}{5} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

4. $\frac{3}{2} \div 6 = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

6. $3 \div \frac{3}{2} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

8. $8 \div \frac{18}{7} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

10. $\frac{20}{9} \div 6 = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

Dividing Fractions (J) Answers

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Calculate each quotient.

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

$$2. \quad 6 \div \frac{9}{5} = \frac{6}{1} \div \frac{9}{5} = \frac{6}{1} \times \frac{5}{9} = \frac{30}{9} = \frac{10}{3} = 3\frac{1}{3}$$

$$3. \quad 6 \div \frac{9}{4} = \frac{6}{1} \div \frac{9}{4} = \frac{6}{1} \times \frac{4}{9} = \frac{24}{9} = \frac{8}{3} = 2\frac{2}{3}$$

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

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

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

$$7. \quad \frac{3}{2} \div 3 = \frac{3}{2} \div \frac{3}{1} = \frac{3}{2} \times \frac{1}{3} = \frac{3}{6} = \frac{1}{2}$$

$$8. \quad 8 \div \frac{18}{7} = \frac{8}{1} \div \frac{18}{7} = \frac{8}{1} \times \frac{7}{18} = \frac{56}{18} = \frac{28}{9} = 3\frac{1}{9}$$

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

$$10. \quad \frac{20}{9} \div 6 = \frac{20}{9} \div \frac{6}{1} = \frac{20}{9} \times \frac{1}{6} = \frac{20}{54} = \frac{10}{27}$$