

Dividing Fractions (B)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

2. $\frac{21}{8} \div 2 = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

4. $7 \div \frac{10}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

6. $9 \div \frac{7}{3} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

9. $\frac{19}{8} \div 2 = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

Dividing Fractions (B) Answers

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Calculate each quotient.

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

$$2. \quad \frac{21}{8} \div 2 = \frac{21}{8} \div \frac{2}{1} = \frac{21}{8} \times \frac{1}{2} = \frac{21}{16} = 1\frac{5}{16}$$

$$3. \quad 8 \div \frac{3}{2} = \frac{8}{1} \div \frac{3}{2} = \frac{8}{1} \times \frac{2}{3} = \frac{16}{3} = 5\frac{1}{3}$$

$$4. \quad 7 \div \frac{10}{9} = \frac{7}{1} \div \frac{10}{9} = \frac{7}{1} \times \frac{9}{10} = \frac{63}{10} = 6\frac{3}{10}$$

$$5. \quad 8 \div \frac{7}{6} = \frac{8}{1} \div \frac{7}{6} = \frac{8}{1} \times \frac{6}{7} = \frac{48}{7} = 6\frac{6}{7}$$

$$6. \quad 9 \div \frac{7}{3} = \frac{9}{1} \div \frac{7}{3} = \frac{9}{1} \times \frac{3}{7} = \frac{27}{7} = 3\frac{6}{7}$$

$$7. \quad \frac{5}{2} \div 3 = \frac{5}{2} \div \frac{3}{1} = \frac{5}{2} \times \frac{1}{3} = \frac{5}{6}$$

$$8. \quad 5 \div \frac{12}{5} = \frac{5}{1} \div \frac{12}{5} = \frac{5}{1} \times \frac{5}{12} = \frac{25}{12} = 2\frac{1}{12}$$

$$9. \quad \frac{19}{8} \div 2 = \frac{19}{8} \div \frac{2}{1} = \frac{19}{8} \times \frac{1}{2} = \frac{19}{16} = 1\frac{3}{16}$$

$$10. \quad \frac{5}{4} \div 7 = \frac{5}{4} \div \frac{7}{1} = \frac{5}{4} \times \frac{1}{7} = \frac{5}{28}$$