

Dividing Fractions (B)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

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

3. $\frac{11}{4} \div \frac{5}{2} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

4. $\frac{3}{4} \div \frac{15}{4} = \text{---} \times \text{---} = \text{---} = \text{---}$

5. $2\frac{1}{3} \div \frac{7}{8} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

7. $2\frac{1}{3} \div \frac{7}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

8. $\frac{1}{3} \div \frac{1}{6} = \text{---} \times \text{---} = \text{---} = \text{---}$

9. $3\frac{1}{2} \div \frac{15}{4} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

10. $\frac{6}{7} \div \frac{8}{3} = \text{---} \times \text{---} = \text{---} = \text{---}$

Dividing Fractions (B) Answers

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Calculate each quotient.

$$1. \quad 2\frac{1}{3} \div 3\frac{1}{2} = \frac{7}{3} \div \frac{7}{2} = \frac{7}{3} \times \frac{2}{7} = \frac{14}{21} = \frac{2}{3}$$

$$2. \quad \frac{2}{3} \div \frac{5}{9} = \frac{2}{3} \div \frac{5}{9} = \frac{2}{3} \times \frac{9}{5} = \frac{18}{15} = \frac{6}{5} = 1\frac{1}{5}$$

$$3. \quad \frac{11}{4} \div \frac{5}{2} = \frac{11}{4} \times \frac{2}{5} = \frac{22}{20} = \frac{11}{10} = 1\frac{1}{10}$$

$$4. \quad \frac{3}{4} \div \frac{15}{4} = \frac{3}{4} \times \frac{4}{15} = \frac{12}{60} = \frac{1}{5}$$

$$5. \quad 2\frac{1}{3} \div \frac{7}{8} = \frac{7}{3} \div \frac{7}{8} = \frac{7}{3} \times \frac{8}{7} = \frac{56}{21} = \frac{8}{3} = 2\frac{2}{3}$$

$$6. \quad \frac{2}{5} \div 3\frac{1}{7} = \frac{2}{5} \div \frac{22}{7} = \frac{2}{5} \times \frac{7}{22} = \frac{14}{110} = \frac{7}{55}$$

$$7. \quad 2\frac{1}{3} \div \frac{7}{9} = \frac{7}{3} \div \frac{7}{9} = \frac{7}{3} \times \frac{9}{7} = \frac{63}{21} = 3$$

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

$$9. \quad 3\frac{1}{2} \div \frac{15}{4} = \frac{7}{2} \div \frac{15}{4} = \frac{7}{2} \times \frac{4}{15} = \frac{28}{30} = \frac{14}{15}$$

$$10. \quad \frac{6}{7} \div \frac{8}{3} = \frac{6}{7} \times \frac{3}{8} = \frac{18}{56} = \frac{9}{28}$$