

Dividing Fractions (B)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

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

3. $\frac{12}{7} \div \frac{11}{4} = \text{---} \times \text{---} = \text{---}$

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

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

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

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

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

9. $2\frac{1}{2} \div \frac{8}{3} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

10. $\frac{17}{7} \div \frac{4}{9} = \text{---} \times \text{---} = \text{---} = \text{---}$

Dividing Fractions (B) Answers

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Calculate each quotient.

$$1. \quad \frac{3}{2} \div \frac{4}{5} = \frac{3}{2} \times \frac{5}{4} = \frac{15}{8} = 1\frac{7}{8}$$

$$2. \quad 2\frac{1}{2} \div 1\frac{6}{7} = \frac{5}{2} \div \frac{13}{7} = \frac{5}{2} \times \frac{7}{13} = \frac{35}{26} = 1\frac{9}{26}$$

$$3. \quad \frac{12}{7} \div \frac{11}{4} = \frac{12}{7} \times \frac{4}{11} = \frac{48}{77}$$

$$4. \quad \frac{7}{2} \div 2\frac{2}{3} = \frac{7}{2} \div \frac{8}{3} = \frac{7}{2} \times \frac{3}{8} = \frac{21}{16} = 1\frac{5}{16}$$

$$5. \quad 3\frac{1}{3} \div 3\frac{5}{8} = \frac{10}{3} \div \frac{29}{8} = \frac{10}{3} \times \frac{8}{29} = \frac{80}{87}$$

$$6. \quad \frac{3}{2} \div 2\frac{2}{3} = \frac{3}{2} \div \frac{8}{3} = \frac{3}{2} \times \frac{3}{8} = \frac{9}{16}$$

$$7. \quad 3\frac{5}{8} \div 3\frac{1}{3} = \frac{29}{8} \div \frac{10}{3} = \frac{29}{8} \times \frac{3}{10} = \frac{87}{80} = 1\frac{7}{80}$$

$$8. \quad 2\frac{2}{3} \div \frac{3}{2} = \frac{8}{3} \div \frac{3}{2} = \frac{8}{3} \times \frac{2}{3} = \frac{16}{9} = 1\frac{7}{9}$$

$$9. \quad 2\frac{1}{2} \div \frac{8}{3} = \frac{5}{2} \div \frac{8}{3} = \frac{5}{2} \times \frac{3}{8} = \frac{15}{16}$$

$$10. \quad \frac{17}{7} \div \frac{4}{9} = \frac{17}{7} \times \frac{9}{4} = \frac{153}{28} = 5\frac{13}{28}$$