

Dividing Fractions (E)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

2. $\frac{9}{5} \div 2\frac{2}{7} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

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

4. $3\frac{1}{2} \div \frac{5}{7} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

5. $3\frac{7}{9} \div 2\frac{1}{4} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

8. $\frac{25}{7} \div \frac{29}{8} = \text{---} \times \text{---} = \text{---}$

9. $1\frac{6}{7} \div \frac{11}{3} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

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

Dividing Fractions (E) Answers

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Calculate each quotient.

$$1. \quad \frac{7}{2} \div 2\frac{2}{5} = \frac{7}{2} \div \frac{12}{5} = \frac{7}{2} \times \frac{5}{12} = \frac{35}{24} = 1\frac{11}{24}$$

$$2. \quad \frac{9}{5} \div 2\frac{2}{7} = \frac{9}{5} \div \frac{16}{7} = \frac{9}{5} \times \frac{7}{16} = \frac{63}{80}$$

$$3. \quad 3\frac{3}{8} \div \frac{2}{3} = \frac{27}{8} \div \frac{2}{3} = \frac{27}{8} \times \frac{3}{2} = \frac{81}{16} = 5\frac{1}{16}$$

$$4. \quad 3\frac{1}{2} \div \frac{5}{7} = \frac{7}{2} \div \frac{5}{7} = \frac{7}{2} \times \frac{7}{5} = \frac{49}{10} = 4\frac{9}{10}$$

$$5. \quad 3\frac{7}{9} \div 2\frac{1}{4} = \frac{34}{9} \div \frac{9}{4} = \frac{34}{9} \times \frac{4}{9} = \frac{136}{81} = 1\frac{55}{81}$$

$$6. \quad \frac{1}{3} \div 2\frac{1}{4} = \frac{1}{3} \div \frac{9}{4} = \frac{1}{3} \times \frac{4}{9} = \frac{4}{27}$$

$$7. \quad \frac{4}{3} \div \frac{3}{2} = \frac{4}{3} \times \frac{2}{3} = \frac{8}{9}$$

$$8. \quad \frac{25}{7} \div \frac{29}{8} = \frac{25}{7} \times \frac{8}{29} = \frac{200}{203}$$

$$9. \quad 1\frac{6}{7} \div \frac{11}{3} = \frac{13}{7} \div \frac{11}{3} = \frac{13}{7} \times \frac{3}{11} = \frac{39}{77}$$

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