

Dividing Fractions (I)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

2. $\frac{16}{5} \div \frac{16}{7} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

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

5. $\frac{11}{3} \div \frac{8}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

6. $\frac{5}{2} \div \frac{13}{4} = \text{---} \times \text{---} = \text{---} = \text{---}$

7. $\frac{29}{9} \div \frac{4}{3} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

8. $\frac{27}{8} \div \frac{1}{2} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

9. $\frac{13}{4} \div \frac{5}{2} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

10. $1\frac{1}{2} \div \frac{1}{4} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} =$

Dividing Fractions (I) Answers

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Calculate each quotient.

$$1. \quad 3\frac{2}{3} \div \frac{1}{3} = \frac{11}{3} \div \frac{1}{3} = \frac{11}{3} \times \frac{3}{1} = \frac{33}{3} = 11$$

$$2. \quad \frac{16}{5} \div \frac{16}{7} = \frac{16}{5} \times \frac{7}{16} = \frac{112}{80} = \frac{7}{5} = 1\frac{2}{5}$$

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

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

$$5. \quad \frac{11}{3} \div \frac{8}{9} = \frac{11}{3} \div \frac{8}{9} = \frac{11}{3} \times \frac{9}{8} = \frac{99}{24} = \frac{33}{8} = 4\frac{1}{8}$$

$$6. \quad \frac{5}{2} \div \frac{13}{4} = \frac{5}{2} \times \frac{4}{13} = \frac{20}{26} = \frac{10}{13}$$

$$7. \quad \frac{29}{9} \div \frac{4}{3} = \frac{29}{9} \times \frac{3}{4} = \frac{87}{36} = \frac{29}{12} = 2\frac{5}{12}$$

$$8. \quad \frac{27}{8} \div \frac{1}{2} = \frac{27}{8} \times \frac{2}{1} = \frac{54}{8} = \frac{27}{4} = 6\frac{3}{4}$$

$$9. \quad \frac{13}{4} \div \frac{5}{2} = \frac{13}{4} \times \frac{2}{5} = \frac{26}{20} = \frac{13}{10} = 1\frac{3}{10}$$

$$10. \quad 1\frac{1}{2} \div \frac{1}{4} = \frac{3}{2} \div \frac{1}{4} = \frac{3}{2} \times \frac{4}{1} = \frac{12}{2} = 6$$