

Dividing Fractions (B)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

1. $\frac{20}{7} \div 8 =$

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

3. $9 \div \frac{9}{4} =$

4. $\frac{9}{4} \div 6 =$

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

6. $5 \div \frac{5}{4} =$

7. $4 \div \frac{14}{9} =$

8. $\frac{14}{5} \div 7 =$

9. $3 \div \frac{9}{5} =$

10. $\frac{9}{8} \div 3 =$

Dividing Fractions (B) Answers

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Calculate each quotient.

$$1. \frac{20}{7} \div 8 = \frac{20}{7} \div \frac{8}{1} = \frac{20}{7} \times \frac{1}{8} = \frac{20}{56} = \frac{5}{14}$$

$$2. 6 \div \frac{8}{3} = \frac{6}{1} \div \frac{8}{3} = \frac{6}{1} \times \frac{3}{8} = \frac{18}{8} = \frac{9}{4} = 2\frac{1}{4}$$

$$3. 9 \div \frac{9}{4} = \frac{9}{1} \div \frac{9}{4} = \frac{9}{1} \times \frac{4}{9} = \frac{36}{9} = 4$$

$$4. \frac{9}{4} \div 6 = \frac{9}{4} \div \frac{6}{1} = \frac{9}{4} \times \frac{1}{6} = \frac{9}{24} = \frac{3}{8}$$

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

$$6. 5 \div \frac{5}{4} = \frac{5}{1} \div \frac{5}{4} = \frac{5}{1} \times \frac{4}{5} = \frac{20}{5} = 4$$

$$7. 4 \div \frac{14}{9} = \frac{4}{1} \div \frac{14}{9} = \frac{4}{1} \times \frac{9}{14} = \frac{36}{14} = \frac{18}{7} = 2\frac{4}{7}$$

$$8. \frac{14}{5} \div 7 = \frac{14}{5} \div \frac{7}{1} = \frac{14}{5} \times \frac{1}{7} = \frac{14}{35} = \frac{2}{5}$$

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

$$10. \frac{9}{8} \div 3 = \frac{9}{8} \div \frac{3}{1} = \frac{9}{8} \times \frac{1}{3} = \frac{9}{24} = \frac{3}{8}$$