

Dividing Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

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

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

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

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

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

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

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

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

10. $6 \div 3\frac{3}{4} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

Dividing Fractions (H) Answers

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Calculate each quotient.

$$1. \quad 5 \div 2\frac{1}{2} = \frac{5}{1} \div \frac{5}{2} = \frac{5}{1} \times \frac{2}{5} = \frac{10}{5} = 2$$

$$2. \quad 3\frac{3}{7} \div 2 = \frac{24}{7} \div \frac{2}{1} = \frac{24}{7} \times \frac{1}{2} = \frac{24}{14} = \frac{12}{7} = 1\frac{5}{7}$$

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

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

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

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

$$7. \quad 3\frac{3}{4} \div 5 = \frac{15}{4} \div \frac{5}{1} = \frac{15}{4} \times \frac{1}{5} = \frac{15}{20} = \frac{3}{4}$$

$$8. \quad 3 \div 1\frac{1}{8} = \frac{3}{1} \div \frac{9}{8} = \frac{3}{1} \times \frac{8}{9} = \frac{24}{9} = \frac{8}{3} = 2\frac{2}{3}$$

$$9. \quad 8 \div 3\frac{3}{5} = \frac{8}{1} \div \frac{18}{5} = \frac{8}{1} \times \frac{5}{18} = \frac{40}{18} = \frac{20}{9} = 2\frac{2}{9}$$

$$10. \quad 6 \div 3\frac{3}{4} = \frac{6}{1} \div \frac{15}{4} = \frac{6}{1} \times \frac{4}{15} = \frac{24}{15} = \frac{8}{5} = 1\frac{3}{5}$$