

Multiplying and Dividing Whole Numbers and Fractions (I)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

3. $4 \div \frac{10}{7} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

4. $\frac{4}{3} \div 8 = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

5. $\frac{14}{5} \div 7 = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

8. $\frac{13}{5} \times 5 = \text{---} = \text{---}$

9. $4 \times \frac{3}{2} = \text{---} = \text{---}$

10. $6 \times \frac{7}{4} = \text{---} = \text{---} = \text{---} = \text{---}$

Multiplying and Dividing Whole Numbers and Fractions (I) Answers

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Date: _____

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Calculate each result.

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

$$2. \quad \frac{8}{7} \div 8 = \frac{8}{7} \div \frac{8}{1} = \frac{8}{7} \times \frac{1}{8} = \frac{8}{56} = \frac{1}{7}$$

$$3. \quad 4 \div \frac{10}{7} = \frac{4}{1} \div \frac{10}{7} = \frac{4}{1} \times \frac{7}{10} = \frac{28}{10} = \frac{14}{5} = 2\frac{4}{5}$$

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

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

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

$$7. \quad \frac{3}{2} \times 6 = \frac{18}{2} = 9$$

$$8. \quad \frac{13}{5} \times 5 = \frac{65}{5} = 13$$

$$9. \quad 4 \times \frac{3}{2} = \frac{12}{2} = 6$$

$$10. \quad 6 \times \frac{7}{4} = \frac{42}{4} = \frac{21}{2} = 10\frac{1}{2}$$