

Multiplying and Dividing Whole Numbers and Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

2. $9 \times \frac{11}{9} = \text{---} =$

3. $4 \times \frac{11}{5} = \text{---} = \text{---}$

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

5. $3 \times \frac{17}{6} = \text{---} = \text{---} = \text{---}$

6. $9 \times \frac{9}{7} = \text{---} = \text{---}$

7. $\frac{13}{7} \times 5 = \text{---} = \text{---}$

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

9. $5 \div \frac{10}{7} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

10. $\frac{18}{7} \div 7 = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

Multiplying and Dividing Whole Numbers and Fractions (J) Answers

Name: _____

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Calculate each result.

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

$$2. \quad 9 \times \frac{11}{9} = \frac{99}{9} = 11$$

$$3. \quad 4 \times \frac{11}{5} = \frac{44}{5} = 8\frac{4}{5}$$

$$4. \quad \frac{8}{3} \div 9 = \frac{8}{3} \div \frac{9}{1} = \frac{8}{3} \times \frac{1}{9} = \frac{8}{27}$$

$$5. \quad 3 \times \frac{17}{6} = \frac{51}{6} = \frac{17}{2} = 8\frac{1}{2}$$

$$6. \quad 9 \times \frac{9}{7} = \frac{81}{7} = 11\frac{4}{7}$$

$$7. \quad \frac{13}{7} \times 5 = \frac{65}{7} = 9\frac{2}{7}$$

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

$$9. \quad 5 \div \frac{10}{7} = \frac{5}{1} \div \frac{10}{7} = \frac{5}{1} \times \frac{7}{10} = \frac{35}{10} = \frac{7}{2} = 3\frac{1}{2}$$

$$10. \quad \frac{18}{7} \div 7 = \frac{18}{7} \div \frac{7}{1} = \frac{18}{7} \times \frac{1}{7} = \frac{18}{49}$$