

Multiplying and Dividing Whole Numbers and Fractions (I)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{11}{4} \times 2 =$

2. $\frac{3}{2} \times 6 =$

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

4. $8 \div \frac{11}{8} =$

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

6. $3 \div \frac{9}{5} =$

7. $\frac{7}{3} \div 5 =$

8. $3 \times \frac{5}{2} =$

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

10. $4 \times \frac{13}{6} =$

Multiplying and Dividing Whole Numbers and Fractions (I) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{11}{4} \times 2 = \frac{22}{4} = \frac{11}{2} = 5\frac{1}{2}$$

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

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

$$4. \quad 8 \div \frac{11}{8} = \frac{8}{1} \div \frac{11}{8} = \frac{8}{1} \times \frac{8}{11} = \frac{64}{11} = 5\frac{9}{11}$$

$$5. \quad \frac{9}{4} \div 7 = \frac{9}{4} \div \frac{7}{1} = \frac{9}{4} \times \frac{1}{7} = \frac{9}{28}$$

$$6. \quad 3 \div \frac{9}{5} = \frac{3}{1} \div \frac{9}{5} = \frac{3}{1} \times \frac{5}{9} = \frac{15}{9} = \frac{5}{3} = 1\frac{2}{3}$$

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

$$8. \quad 3 \times \frac{5}{2} = \frac{15}{2} = 7\frac{1}{2}$$

$$9. \quad 7 \times \frac{3}{2} = \frac{21}{2} = 10\frac{1}{2}$$

$$10. \quad 4 \times \frac{13}{6} = \frac{52}{6} = \frac{26}{3} = 8\frac{2}{3}$$