

Multiplying and Dividing Whole Numbers and Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

2. $9 \div \frac{9}{4} =$

3. $8 \div \frac{4}{3} =$

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

5. $3 \times \frac{11}{9} =$

6. $\frac{9}{8} \times 4 =$

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

8. $9 \times \frac{23}{9} =$

9. $7 \div \frac{7}{3} =$

10. $9 \times \frac{7}{3} =$

Multiplying and Dividing Whole Numbers and Fractions (H) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 6 \div \frac{3}{2} = \frac{6}{1} \div \frac{3}{2} = \frac{6}{1} \times \frac{2}{3} = \frac{12}{3} = 4$$

$$2. \quad 9 \div \frac{9}{4} = \frac{9}{1} \div \frac{9}{4} = \frac{9}{1} \times \frac{4}{9} = \frac{36}{9} = 4$$

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

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

$$5. \quad 3 \times \frac{11}{9} = \frac{33}{9} = \frac{11}{3} = 3\frac{2}{3}$$

$$6. \quad \frac{9}{8} \times 4 = \frac{36}{8} = \frac{9}{2} = 4\frac{1}{2}$$

$$7. \quad \frac{8}{3} \div 6 = \frac{8}{3} \div \frac{6}{1} = \frac{8}{3} \times \frac{1}{6} = \frac{8}{18} = \frac{4}{9}$$

$$8. \quad 9 \times \frac{23}{9} = \frac{207}{9} = 23$$

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

$$10. \quad 9 \times \frac{7}{3} = \frac{63}{3} = 21$$