

Multiplying and Dividing Whole Numbers and Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

2. $\frac{10}{9} \div 2 = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

4. $7 \times \frac{10}{7} = \underline{\quad} =$

5. $\frac{7}{4} \times 2 = \underline{\quad} = \underline{\quad} = \underline{\quad}$

6. $\frac{9}{5} \times 5 = \underline{\quad} =$

7. $\frac{21}{8} \div 6 = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

8. $\frac{7}{5} \times 5 = \underline{\quad} =$

9. $5 \div \frac{5}{2} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} =$

10. $6 \times \frac{3}{2} = \underline{\quad} =$

Multiplying and Dividing Whole Numbers and Fractions (H) Answers

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Calculate each result.

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

$$2. \quad \frac{10}{9} \div 2 = \frac{10}{9} \div \frac{2}{1} = \frac{10}{9} \times \frac{1}{2} = \frac{10}{18} = \frac{5}{9}$$

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

$$4. \quad 7 \times \frac{10}{7} = \frac{70}{7} = 10$$

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

$$6. \quad \frac{9}{5} \times 5 = \frac{45}{5} = 9$$

$$7. \quad \frac{21}{8} \div 6 = \frac{21}{8} \div \frac{6}{1} = \frac{21}{8} \times \frac{1}{6} = \frac{21}{48} = \frac{7}{16}$$

$$8. \quad \frac{7}{5} \times 5 = \frac{35}{5} = 7$$

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

$$10. \quad 6 \times \frac{3}{2} = \frac{18}{2} = 9$$