

Multiplying and Dividing Whole Numbers and Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $5 \div \frac{11}{6} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

2. $2 \times \frac{4}{3} = \underline{\quad} = \underline{\quad}$

3. $5 \div \frac{8}{7} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

4. $\frac{13}{6} \times 5 = \underline{\quad} = \underline{\quad}$

5. $2 \times \frac{19}{7} = \underline{\quad} = \underline{\quad}$

6. $2 \div \frac{23}{8} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

7. $8 \times \frac{9}{7} = \underline{\quad} = \underline{\quad}$

8. $3 \div \frac{14}{9} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

9. $\frac{6}{5} \times 2 = \underline{\quad} = \underline{\quad}$

10. $\frac{5}{4} \div 6 = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

Multiplying and Dividing Whole Numbers and Fractions (H) Answers

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Calculate each result.

$$1. \quad 5 \div \frac{11}{6} = \frac{5}{1} \div \frac{11}{6} = \frac{5}{1} \times \frac{6}{11} = \frac{30}{11} = 2\frac{8}{11}$$

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

$$3. \quad 5 \div \frac{8}{7} = \frac{5}{1} \div \frac{8}{7} = \frac{5}{1} \times \frac{7}{8} = \frac{35}{8} = 4\frac{3}{8}$$

$$4. \quad \frac{13}{6} \times 5 = \frac{65}{6} = 10\frac{5}{6}$$

$$5. \quad 2 \times \frac{19}{7} = \frac{38}{7} = 5\frac{3}{7}$$

$$6. \quad 2 \div \frac{23}{8} = \frac{2}{1} \div \frac{23}{8} = \frac{2}{1} \times \frac{8}{23} = \frac{16}{23}$$

$$7. \quad 8 \times \frac{9}{7} = \frac{72}{7} = 10\frac{2}{7}$$

$$8. \quad 3 \div \frac{14}{9} = \frac{3}{1} \div \frac{14}{9} = \frac{3}{1} \times \frac{9}{14} = \frac{27}{14} = 1\frac{13}{14}$$

$$9. \quad \frac{6}{5} \times 2 = \frac{12}{5} = 2\frac{2}{5}$$

$$10. \quad \frac{5}{4} \div 6 = \frac{5}{4} \div \frac{6}{1} = \frac{5}{4} \times \frac{1}{6} = \frac{5}{24}$$