

Multiplying and Dividing Whole Numbers and Fractions (A)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{3}{2} \div 6 = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$
Convert ↑ Inversion Result Simplify

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

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

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

5. $6 \times \frac{13}{9} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

6. $3 \div \frac{12}{5} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

7. $\frac{7}{3} \times 6 = \underline{\quad} = \underline{\quad}$

8. $4 \times \frac{9}{4} = \underline{\quad} = \underline{\quad}$

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

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

Multiplying and Dividing Whole Numbers and Fractions (A) Answers

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Calculate each result.

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

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

$$3. \quad \frac{10}{9} \div 2 = \frac{10}{9} \div \frac{2}{1} = \frac{10}{9} \times \frac{1}{2} = \frac{10}{18} = \frac{5}{9}$$

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

$$5. \quad 6 \times \frac{13}{9} = \frac{78}{9} = \frac{26}{3} = 8\frac{2}{3}$$

$$6. \quad 3 \div \frac{12}{5} = \frac{3}{1} \div \frac{12}{5} = \frac{3}{1} \times \frac{5}{12} = \frac{15}{12} = \frac{5}{4} = 1\frac{1}{4}$$

$$7. \quad \frac{7}{3} \times 6 = \frac{42}{3} = 14$$

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

$$9. \quad \frac{11}{6} \times 4 = \frac{44}{6} = \frac{22}{3} = 7\frac{1}{3}$$

$$10. \quad \frac{4}{3} \times 3 = \frac{12}{3} = 4$$