

Multiplying and Dividing Whole Numbers and Fractions (F)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $6 \times \frac{19}{9} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

4. $\frac{11}{9} \times 3 = \underline{\quad} = \underline{\quad} = \underline{\quad}$

5. $\frac{15}{8} \div 6 = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

7. $8 \div \frac{4}{3} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

9. $3 \times \frac{23}{9} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

10. $\frac{15}{8} \times 6 = \underline{\quad} = \underline{\quad} = \underline{\quad}$

Multiplying and Dividing Whole Numbers and Fractions (F) Answers

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Date: _____

Score: _____

Calculate each result.

$$1. 6 \times \frac{19}{9} = \frac{114}{9} = \frac{38}{3} = 12\frac{2}{3}$$

$$2. \frac{12}{5} \div 6 = \frac{12}{5} \div \frac{6}{1} = \frac{12}{5} \times \frac{1}{6} = \frac{12}{30} = \frac{2}{5}$$

$$3. \frac{5}{2} \times 4 = \frac{20}{2} = 10$$

$$4. \frac{11}{9} \times 3 = \frac{33}{9} = \frac{11}{3} = 3\frac{2}{3}$$

$$5. \frac{15}{8} \div 6 = \frac{15}{8} \div \frac{6}{1} = \frac{15}{8} \times \frac{1}{6} = \frac{15}{48} = \frac{5}{16}$$

$$6. \frac{6}{5} \div 2 = \frac{6}{5} \div \frac{2}{1} = \frac{6}{5} \times \frac{1}{2} = \frac{6}{10} = \frac{3}{5}$$

$$7. 8 \div \frac{4}{3} = \frac{8}{1} \div \frac{4}{3} = \frac{8}{1} \times \frac{3}{4} = \frac{24}{4} = 6$$

$$8. 6 \div \frac{9}{4} = \frac{6}{1} \div \frac{9}{4} = \frac{6}{1} \times \frac{4}{9} = \frac{24}{9} = \frac{8}{3} = 2\frac{2}{3}$$

$$9. 3 \times \frac{23}{9} = \frac{69}{9} = \frac{23}{3} = 7\frac{2}{3}$$

$$10. \frac{15}{8} \times 6 = \frac{90}{8} = \frac{45}{4} = 11\frac{1}{4}$$