

Multiplying and Dividing Whole Numbers and Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $6 \div \frac{7}{4} =$

2. $5 \div \frac{9}{4} =$

3. $\frac{5}{2} \div 8 =$

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

5. $\frac{5}{2} \times 2 =$

6. $6 \div \frac{11}{4} =$

7. $\frac{11}{4} \div 6 =$

8. $\frac{14}{5} \times 6 =$

9. $\frac{12}{7} \times 2 =$

10. $\frac{11}{4} \times 6 =$

Multiplying and Dividing Whole Numbers and Fractions (J) Answers

Name: _____

Date: _____

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Calculate each result.

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

$$2. \quad 5 \div \frac{9}{4} = \frac{5}{1} \div \frac{9}{4} = \frac{5}{1} \times \frac{4}{9} = \frac{20}{9} = 2\frac{2}{9}$$

$$3. \quad \frac{5}{2} \div 8 = \frac{5}{2} \div \frac{8}{1} = \frac{5}{2} \times \frac{1}{8} = \frac{5}{16}$$

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

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

$$6. \quad 6 \div \frac{11}{4} = \frac{6}{1} \div \frac{11}{4} = \frac{6}{1} \times \frac{4}{11} = \frac{24}{11} = 2\frac{2}{11}$$

$$7. \quad \frac{11}{4} \div 6 = \frac{11}{4} \div \frac{6}{1} = \frac{11}{4} \times \frac{1}{6} = \frac{11}{24}$$

$$8. \quad \frac{14}{5} \times 6 = \frac{84}{5} = 16\frac{4}{5}$$

$$9. \quad \frac{12}{7} \times 2 = \frac{24}{7} = 3\frac{3}{7}$$

$$10. \quad \frac{11}{4} \times 6 = \frac{66}{4} = \frac{33}{2} = 16\frac{1}{2}$$