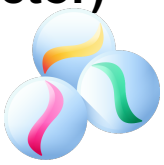
Name: _____

Multiplying Fractions and Whole Numbers (missing factor)



Directions: Find the missing factor.

1. $\frac{1}{4} \times \_\_\_\_\_ = \frac{3}{4}$

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

3. $\_\_\_\_\_ \times 7 = \frac{21}{8}$

4. $\_\_\_\_\_ \times \frac{1}{2} = 5$

5. $\frac{4}{9} \times \_\_\_\_\_ = \frac{20}{3}$

6. $2 \times \_\_\_\_\_ = \frac{10}{7}$

7. $\_\_\_\_\_ \times 9 = 6$

8. $\_\_\_\_\_ \times \frac{3}{10} = \frac{18}{5}$

9. $6 \times \_\_\_\_\_ = \frac{42}{11}$

10. $\frac{5}{6} \times \_\_\_\_\_ = \frac{10}{3}$

11. $\_\_\_\_\_ \times \frac{2}{5} = 8$

12. $8 \times \_\_\_\_\_ = 6$

ANSWER KEY

1. $\frac{1}{4} \times \mathbf{3} = \frac{3}{4}$

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

3. $\frac{\mathbf{3}}{\mathbf{8}} \times 7 = \frac{21}{8}$

4. $\mathbf{10} \times \frac{1}{2} = 5$

5. $\frac{4}{9} \times \mathbf{15} = \frac{20}{3}$

6. $2 \times \frac{\mathbf{5}}{\mathbf{7}} = \frac{10}{7}$

7. $\frac{\mathbf{2}}{\mathbf{3}} \times 9 = 6$

8. $\mathbf{12} \times \frac{3}{10} = \frac{18}{5}$

9. $6 \times \frac{\mathbf{7}}{\mathbf{11}} = \frac{42}{11}$

10. $\frac{5}{6} \times \mathbf{4} = \frac{10}{3}$

11. $\mathbf{20} \times \frac{2}{5} = 8$

12. $8 \times \frac{\mathbf{3}}{\mathbf{4}} = 6$