

# Multiply a Whole Number by a Fraction



Multiply.

- 1.  $\frac{1}{5} \times 45 =$  \_\_\_\_\_
- 2.  $\frac{5}{8} \times 32 =$  \_\_\_\_\_
- 3.  $\frac{3}{4} \times 40 =$  \_\_\_\_\_
- 4.  $\frac{1}{2} \times 14 =$  \_\_\_\_\_
- 5.  $\frac{4}{9} \times 63 =$  \_\_\_\_\_
- 6.  $\frac{2}{11} \times 33 =$  \_\_\_\_\_
- 7.  $\frac{3}{10} \times 70 =$  \_\_\_\_\_
- 8.  $\frac{5}{7} \times 42 =$  \_\_\_\_\_
- 9.  $\frac{1}{10} \times 20 =$  \_\_\_\_\_
- 10.  $\frac{2}{5} \times 35 =$  \_\_\_\_\_
- 11.  $\frac{9}{10} \times 50 =$  \_\_\_\_\_
- 12.  $\frac{5}{8} \times 24 =$  \_\_\_\_\_
- 13.  $\frac{1}{12} \times 96 =$  \_\_\_\_\_
- 14.  $\frac{8}{9} \times 72 =$  \_\_\_\_\_
- 15.  $\frac{1}{3} \times 18 =$  \_\_\_\_\_
- 16.  $\frac{7}{9} \times 45 =$  \_\_\_\_\_
- 17.  $\frac{3}{5} \times 15 =$  \_\_\_\_\_
- 18.  $\frac{3}{4} \times 48 =$  \_\_\_\_\_
- 19.  $\frac{7}{10} \times 30 =$  \_\_\_\_\_
- 20.  $\frac{4}{7} \times 77 =$  \_\_\_\_\_
- 21.  $\frac{7}{8} \times 64 =$  \_\_\_\_\_
- 22.  $\frac{2}{3} \times 27 =$  \_\_\_\_\_
- 23.  $\frac{5}{12} \times 60 =$  \_\_\_\_\_
- 24.  $\frac{3}{11} \times 88 =$  \_\_\_\_\_

## Algebra & Functions Complete each table.

25. Rule: Multiply by  $\frac{1}{4}$

Input	Output
12	
20	
32	
40	

26. Rule: Multiply by  $\frac{5}{6}$

Input	Output
12	
30	
42	
54	

27. Rule: Multiply by  $\frac{7}{12}$

Input	Output
36	
60	
96	
144	

## Problem Solving

- 28. A basketball that normally sells for \$24 is on sale for  $\frac{2}{3}$  of the regular price. What is the sale price of the basketball?  
\_\_\_\_\_
- 29. Kari received a \$30 gift certificate. After she bought a sweatshirt, she had  $\frac{3}{10}$  of the money left. How much money did Kari have left?  
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