Multiplying by Multiples of Positive Powers of Ten (J)

Name:

Date:

Multiply each number by multiples of positive powers of ten.

$25 imes 3 imes 10^0 =$	$62 imes 5 imes 10^0 =$
$25 imes 3 imes 10^1 =$	$62 \times 5 \times 10^1 =$
$25 imes 3 imes 10^2 =$	$62 \times 5 \times 10^2 =$
$25 \times 3 \times 10^3 =$	$62 \times 5 \times 10^3 =$
$25 \times 3 \times 10^4 =$	$62 \times 5 \times 10^4 =$
$23 \times 3 \times 10$ =	$02 \times 3 \times 10 =$
$51 imes 4 imes 10^0 =$	$71 imes 8 imes 10^0 =$
$51 imes 4 imes 10^1 =$	$71 \times 8 \times 10^1 =$
$51 \times 4 \times 10^2 =$	$71 \times 8 \times 10^2 =$
$51 \times 1 \times 10^{3} =$	$71 \times 8 \times 10^{3} =$ $71 \times 8 \times 10^{3} =$
$51 \times 4 \times 10^{4} =$	$71 \times 8 \times 10^{-4} = 71 \times 8 \times 10^{4} =$
$51 \times 4 \times 10 \equiv$	$71 \times 8 \times 10 =$
$32 \times 4 \times 10^0 =$	$76 imes 5 imes 10^0 =$
$32 \times 4 \times 10^1 =$	$76 \times 5 \times 10^1 =$
$32 \times 4 \times 10^2 =$	$76 \times 5 \times 10^2 =$
$32 \times 4 \times 10^{3} =$ $32 \times 4 \times 10^{3} =$	$76 \times 5 \times 10^3 =$ $76 \times 5 \times 10^3 =$
$32 imes 4 imes 10^4 =$	$76 imes 5 imes 10^4 =$
$18 imes7 imes10^{0}=$	$88 imes 8 imes 10^0 =$
$18 \times 7 \times 10^1 =$	$88 \times 8 \times 10^1 =$
$10 \times 7 \times 10^{2} =$ $18 \times 7 \times 10^{2} =$	$88 \times 8 \times 10^2 =$
$18 \times 7 \times 10^{3} =$ $18 \times 7 \times 10^{3} =$	
	$88 \times 8 \times 10^3 =$
$18 imes 7 imes 10^4 =$	$88 imes 8 imes 10^4 =$
$41 imes 3 imes 10^0 =$	$92 imes 6 imes 10^0 =$
$41 \times 3 \times 10^{-1} =$ $41 \times 3 \times 10^{1} =$	$92 \times 6 \times 10^{1} =$ $92 \times 6 \times 10^{1} =$
$41 \times 3 \times 10^{\circ} \equiv$ $41 \times 3 \times 10^{2} =$	
	$92 \times 6 \times 10^2 =$
$41 \times 3 \times 10^3 =$	$92 \times 6 \times 10^3 =$
$41 \times 3 \times 10^4 =$	$92 \times 6 \times 10^4 =$

Multiplying by Multiples of Positive Powers of Ten (J) Answers

Name: _____

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Date:
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Multiply each number by multiples of positive powers of ten.

$\begin{array}{rll} 25 \times 3 \times 10^{0} = & 75 \\ 25 \times 3 \times 10^{1} = & 750 \\ 25 \times 3 \times 10^{2} = & 7500 \\ 25 \times 3 \times 10^{3} = & 75,000 \\ 25 \times 3 \times 10^{4} = & 750,000 \end{array}$	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$
$51 \times 4 \times 10^{0} = 204$ $51 \times 4 \times 10^{1} = 2040$ $51 \times 4 \times 10^{2} = 20,400$ $51 \times 4 \times 10^{3} = 204,000$ $51 \times 4 \times 10^{4} = 2,040,000$	$71 \times 8 \times 10^{0} = 568$ $71 \times 8 \times 10^{1} = 5680$ $71 \times 8 \times 10^{2} = 56,800$ $71 \times 8 \times 10^{3} = 568,000$ $71 \times 8 \times 10^{4} = 5,680,000$
$\begin{array}{rll} 32\times 4\times 10^{0}=&128\\ 32\times 4\times 10^{1}=&1280\\ 32\times 4\times 10^{2}=&12,800\\ 32\times 4\times 10^{3}=&128,000\\ 32\times 4\times 10^{4}=&1,280,000 \end{array}$	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$
$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	$\begin{array}{rll} 88\times8\times10^{0}=&704\\ 88\times8\times10^{1}=&7040\\ 88\times8\times10^{2}=&70,400\\ 88\times8\times10^{3}=&704,000\\ 88\times8\times10^{4}=&7,040,000 \end{array}$
$\begin{array}{rll} 41\times 3\times 10^{0}=&123\\ 41\times 3\times 10^{1}=&1230\\ 41\times 3\times 10^{2}=&12,300\\ 41\times 3\times 10^{3}=&123,000\\ 41\times 3\times 10^{4}=&1,230,000 \end{array}$	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$