Multiplying by Multiples of Positive Powers of Ten (D)

Name:

Date:

Multiply each number by multiples of positive powers of ten.

	0
$31 imes 5 imes 10^0 =$	$37 \times 2 \times 10^0 =$
$31 imes 5 imes 10^1 =$	$37 imes2 imes10^1=$
$31 imes 5 imes 10^2 =$	$37 imes 2 imes 10^2 =$
$31 imes 5 imes 10^3 =$	$37 \times 2 \times 10^3 =$
$31 imes 5 imes 10^4 =$	$37 imes 2 imes 10^4 =$
$10 imes 4 imes 10^0 =$	$72 imes 2 imes 10^0 =$
$10 imes 4 imes 10^1 =$	$72 imes 2 imes 10^1 =$
$10 imes 4 imes 10^2 =$	$72 \times 2 \times 10^2 =$
$10 imes 4 imes 10^3 =$	$72 \times 2 \times 10^3 =$
$10 imes 4 imes 10^4 =$	$72 \times 2 \times 10^4 =$
$77 imes9 imes10^{0}=$	$20 imes 5 imes 10^0 =$
$77 imes9 imes10^1=$	$20 \times 5 \times 10^1 =$
$77 \times 9 \times 10^2 =$	$20 \times 5 \times 10^2 =$
$77 \times 9 \times 10^3 =$	$20 \times 5 \times 10^3 =$
$77 \times 9 \times 10^{4} =$ $77 \times 9 \times 10^{4} =$	$20 \times 5 \times 10^{-10} = 20 \times 5 \times 10^{4} =$
$77 \times 9 \times 10 \equiv$	$20 \times 5 \times 10 =$
$53 imes 6 imes 10^0 =$	$99 imes 9 imes 10^0 =$
$53 imes 6 imes 10^1 =$	$99 \times 9 \times 10^1 =$
$53 \times 6 \times 10^2 =$	$99 \times 9 \times 10^2 =$
$53 \times 6 \times 10^3 =$ $53 \times 6 \times 10^3 =$	$99 \times 9 \times 10^3 =$ $99 \times 9 \times 10^3 =$
$53 imes 6 imes 10^4 =$	$99 imes 9 imes 10^4 =$
$59 imes 4 imes 10^0 =$	$83 imes 5 imes 10^0 =$
$59 \times 4 \times 10^{1} =$ $59 \times 4 \times 10^{1} =$	$83 \times 5 \times 10^{-1} =$ $83 \times 5 \times 10^{1} =$
$59 \times 4 \times 10^{2} \equiv$ $59 \times 4 \times 10^{2} =$	
	$83 \times 5 \times 10^2 =$
$59 \times 4 \times 10^3 =$	$83 \times 5 \times 10^3 =$
$59 imes 4 imes 10^4 =$	$83 imes 5 imes 10^4 =$

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

Name:

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

	$27 \times 2 \times 10^{0}$ 74
$31 \times 5 \times 10^0 = 155$	$37 \times 2 \times 10^0 = 74$
$31 \times 5 \times 10^1 = 1550$	$37 \times 2 \times 10^1 = 740$
$31 imes 5 imes 10^2 = \ 15{,}500$	$37 imes 2 imes 10^2 = 7400$
$31 imes 5 imes 10^3 = \ 155,000$	$37 \times 2 \times 10^3 = 74,000$
$31 imes 5 imes 10^4 = 1,550,000$	$37 imes 2 imes 10^4 = 740,000$
$10 imes 4 imes 10^0=$ 40	$72 imes2 imes10^0=$ 144
$10 imes 4 imes 10^1=$ 400	$72\times2\times10^1=~1440$
$10 \times 4 \times 10^2 = 4000$	$72 \times 2 \times 10^2 = 14,400$
$10 imes 4 imes 10^3 = 40,000$	$72 \times 2 \times 10^3 = 144,000$
$10 imes 4 imes 10^4 = 400,000$	$72 \times 2 \times 10^4 = 1,440,000$
$77 imes 9 imes 10^0 = 693$	$20\times5\times10^{0}=~100$
$77 \times 9 \times 10^1 = 6930$	$20\times5\times10^1=~1000$
$77 \times 9 \times 10^2 = 69,300$	$20 \times 5 \times 10^2 = 10,000$
$77 \times 9 \times 10^3 = 693,000$	$20 \times 5 \times 10^3 = 100,000$
$77 \times 9 \times 10^4 = 6,930,000$	$20 \times 5 \times 10^4 = 1,000,000$
·····	
$53 \times 6 \times 10^0 = 318$	$99 \times 9 \times 10^0 = 891$
$53 \times 6 \times 10^1 = 3180$	$99 \times 9 \times 10^1 = 8910$
$53 \times 6 \times 10^2 = 31,800$	$99 \times 9 \times 10^2 = 89,100$
$53 \times 6 \times 10^3 = 318,000$	$99 \times 9 \times 10^3 = 891,000$
$53 \times 6 \times 10^4 = 3,180,000$	$99 \times 9 \times 10^4 = 8,910,000$
55 × 6 × 10 = 5,200,000	<i>yyxyx</i> i <i>v</i> = <i>vyzvyvvvvvvvvvvvvv</i>
$59 \times 4 \times 10^0 = 236$	$83 imes 5 imes 10^0 = 415$
$59 \times 4 \times 10^1 = 2360$	$83 \times 5 \times 10^1 = 4150$
$59 \times 4 \times 10^2 = 23,600$	$83 \times 5 \times 10^2 = 41,500$
$59 \times 4 \times 10^3 = 236,000$	$83 \times 5 \times 10^3 = 415,000$
$59 \times 4 \times 10^{4} = 2,360,000$ $59 \times 4 \times 10^{4} = 2,360,000$	
$59 \times 4 \times 10^{-} = 2,500,000$	$83 \times 5 \times 10^4 = 4,150,000$