Multiplying by Powers of Ten

Instructions: Multiply each whole number by the power of ten given.

$34 \times 10^{0} =$ $950{,}000 \times 10^{-3} =$

$14 \times 10^{3} =$ $5{,}600 \times 10^{2} =$

$6{,}900 \times 10^{0} =$ $5{,}100 \times 10^{3} =$

$9{,}000 \times 10^{-2} =$ $3{,}000 \times 10^{-2} =$

$56{,}000 \times 10^{-2} =$ $730 \times 10^{2} =$

$910 \times 10^{2} =$ $81{,}000 \times 10^{-1} =$

$5{,}300 \times 10^{0} =$ $8{,}200 \times 10^{2} =$

$2{,}800 \times 10^{-1} =$ $1{,}000 \times 10^{2} =$

$170 \times 10^{-1} =$ $80 \times 10^{0} =$

$140 \times 10^{2} =$ $50 \times 10^{2} =$

$6{,}400 \times 10^{3} =$ $35{,}000 \times 10^{-3} =$

$2{,}800 \times 10^{-1} =$ $1{,}500 \times 10^{1} =$

$1 \times 10^{0} =$ $300{,}000 \times 10^{-3} =$

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Instructions: Multiply each whole number by the power of ten given.

$34 \times 10^{0} =$ 34 $950{,}000 \times 10^{-3} =$ 950

$14 \times 10^{3} =$ 14,000 $5{,}600 \times 10^{2} =$ 560,000

$6{,}900 \times 10^{0} =$ 6,900 $5{,}100 \times 10^{3} =$ 5,100,000

$9{,}000 \times 10^{-2} =$ 90 $3{,}000 \times 10^{-2} =$ 30

$56{,}000 \times 10^{-2} =$ 560 $730 \times 10^{2} =$ 73,000

$910 \times 10^{2} =$ 91,000 $81{,}000 \times 10^{-1} =$ 8,100

$5{,}300 \times 10^{0} =$ 5,300 $8{,}200 \times 10^{2} =$ 820,000

$2{,}800 \times 10^{-1} =$ 280 $1{,}000 \times 10^{2} =$ 100,000

$170 \times 10^{-1} =$ 17 $80 \times 10^{0} =$ 80

$140 \times 10^{2} =$ 14,000 $50 \times 10^{2} =$ 5,000

$6{,}400 \times 10^{3} =$ 6,400,000 $35{,}000 \times 10^{-3} =$ 35

$2{,}800 \times 10^{-1} =$ 280 $1{,}500 \times 10^{1} =$ 15,000

$1 \times 10^{0} =$ 1 $300{,}000 \times 10^{-3} =$ 300

Multiplying by Powers of Ten

Instructions: Multiply each whole number by the power of ten given.

34 x 1 =   950,000 x 0.001 =

14 x 1000 =   5,600 x 100 =

6,900 x 1 =   5,100 x 1000 =

9,000 x 0.01 =   3,000 x 0.01 =

56,000 x 0.01 =   730 x 100 =

910 x 100 =   81,000 x 0.1 =

5,300 x 1 =   8,200 x 100 =

2,800 x 0.1 =   1,000 x 100 =

170 x 0.1 =   80 x 1 =

140 x 100 =   50 x 100 =

6,400 x 1000 =   35,000 x 0.001 =

2,800 x 0.1 =   1,500 x 10 =

1 x 1 =   300,000 x 0.001 =

Multiplying by Powers of Ten Answers

Instructions: Multiply each whole number by the power of ten given.

34 x 1 = 34	950,000 x 0.001 = 950
14 x 1000 = 14,000	5,600 x 100 = 560,000
6,900 x 1 = 6,900	5,100 x 1000 = 5,100,000
9,000 x 0.01 = 90	3,000 x 0.01 = 30
56,000 x 0.01 = 560	730 x 100 = 73,000
910 x 100 = 91,000	81,000 x 0.1 = 8,100
5,300 x 1 = 5,300	8,200 x 100 = 820,000
2,800 x 0.1 = 280	1,000 x 100 = 100,000
170 x 0.1 = 17	80 x 1 = 80
140 x 100 = 14,000	50 x 100 = 5,000
6,400 x 1000 = 6,400,000	35,000 x 0.001 = 35
2,800 x 0.1 = 280	1,500 x 10 = 15,000
1 x 1 = 1	300,000 x 0.001 = 300