

(powers of 10)

9.1 Multiply by 10, 100, 1000



Multiply by	Move the decimal	
10	One <u>swoop</u> right	$7.641 \times 10 = 76.41$ ^{1 swoop}
100	two swoops right	$7.641 \times 100 = 764.1$
1000	three swoops right	$7.641 \times 1000 = 7641$
		$7.641 \times 10,000 = 76,410$

1. $38 \times 10 = 380$

1. $38 \times 100 = 3800$

1. $38 \times 1000 = 38000$

$0.007 \times 10 = 0.07$

$0.007 \times 100 = 0.7$

$0.007 \times 1000 = 7$

Practice:

Click to reveal answer.

$4.92 \times 10 = 49.2$

$4.92 \times 100 = 492$

$4.92 \times 1000 = 4920$

$4.92 \times 10,000 = 49,200$

$5.6394 \times 10 = 56.394$

$5.6394 \times 100 = 563.94$

$5.6394 \times 1000 = 5639.4$

$5.6394 \times 10,000 = 56,394$