## Multiplying by Powers of Ten

Multiplying by 1/10<sup>2</sup>

1,100 x	10 -2 =	440,000 x	10 -2 =
6,200 x	10 -2 =	64,000 x	10 -2 =
32,000 x	10 -2 =	9,800 x	10 -2 =
1,900 x	10 -2 =	710,000 x	10 -2 =
840,000 x	10 -2 =	490,000 x	10 -2 =
610,000 x	10 -2 =	700 x	10 -2 =
6,000 x	10 -2 =	3,000 x	10 -2 =
55,000 x	10 -2 =	18,000 x	10 -2 =
8,000 x	10 -2 =	15,000 x	10 -2 =
85,000 x	10 -2 =	520,000 x	10 -2 =
910,000 x	10 -2 =	37,000 x	10 -2 =
8,800 x	10 -2 =	100,000 x	10 -2 =
5,100 x	10 -2 =	1,800 x	10 -2 =

## Multiplying by Powers of Ten Answers

Multiplying by 1/10<sup>2</sup>

1,100 x	10 -2 =	11	440,000 x	10 -2 =	4,400
6,200 x	10 -2 =	62	64,000 x	10 -2 =	640
32,000 x	10 -2 =	320	9,800 x	10 -2 =	98
1,900 x	10 -2 =	19	710,000 x	10 -2 =	7,100
840,000 x	10 -2 =	8,400	490,000 x	10 -2 =	4,900
610,000 x	10 -2 =	6,100	700 x	10 -2 =	7
6,000 x	10 -2 =	60	3,000 x	10 -2 =	30
55,000 x	10 -2 =	550	18,000 x	10 -2 =	180
8,000 x	10 -2 =	80	15,000 x	10 -2 =	150
85,000 x	10 -2 =	850	520,000 x	10 -2 =	5,200
910,000 x	10 -2 =	9,100	37,000 x	10 -2 =	370
8,800 x	10 -2 =	88	100,000 x	10 -2 =	1,000
5,100 x	10 -2 =	51	1,800 x	10 -2 =	18

## Multiplying by Powers of Ten

Multiplying by 0.01

1,100 x	0.01	=	440,000 x	0.01	=
6,200 x	0.01	=	64,000 x	0.01	=
32,000 x	0.01	=	9,800 x	0.01	=
1,900 x	0.01	=	710,000 x	0.01	=
840,000 x	0.01	=	490,000 x	0.01	=
610,000 x	0.01	=	700 x	0.01	=
6,000 x	0.01	=	3,000 x	0.01	=
55,000 x	0.01	=	18,000 x	0.01	=
8,000 x	0.01	=	15,000 x	0.01	=
85,000 x	0.01	=	520,000 x	0.01	=
910,000 x	0.01	=	37,000 x	0.01	=
8,800 x	0.01	=	100,000 x	0.01	=
5,100 x	0.01	=	1,800 x	0.01	=

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## Multiplying by Powers of Ten Answers

Multiplying by 0.01

1,100 x	0.01	=	11	440,000 x	0.01	=	4,400
6,200 x	0.01	=	62	64,000 x	0.01	=	640
32,000 x	0.01	=	320	9,800 x	0.01	=	98
1,900 x	0.01	=	19	710,000 x	0.01	=	7,100
840,000 x	0.01	=	8,400	490,000 x	0.01	=	4,900
610,000 x	0.01	=	6,100	700 x	0.01	=	7
6,000 x	0.01	=	60	3,000 x	0.01	=	30
55,000 x	0.01	=	550	18,000 x	0.01	=	180
8,000 x	0.01	=	80	15,000 x	0.01	=	150
85,000 x	0.01	=	850	520,000 x	0.01	=	5,200
910,000 x	0.01	=	9,100	37,000 x	0.01	=	370
8,800 x	0.01	=	88	100,000 x	0.01	=	1,000
5,100 x	0.01	=	51	1,800 x	0.01	=	18

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