

Multiplying by Negative Powers of Ten

Two-Digit Facts

67	x	1	=	34	x	1	=
67	x	0.1	=	34	x	0.1	=
67	x	0.01	=	34	x	0.01	=
67	x	0.001	=	34	x	0.001	=
67	x	0.0001	=	34	x	0.0001	=

19	x	1	=	15	x	1	=
19	x	0.1	=	15	x	0.1	=
19	x	0.01	=	15	x	0.01	=
19	x	0.001	=	15	x	0.001	=
19	x	0.0001	=	15	x	0.0001	=

70	x	1	=	93	x	1	=
70	x	0.1	=	93	x	0.1	=
70	x	0.01	=	93	x	0.01	=
70	x	0.001	=	93	x	0.001	=
70	x	0.0001	=	93	x	0.0001	=

92	x	1	=	76	x	1	=
92	x	0.1	=	76	x	0.1	=
92	x	0.01	=	76	x	0.01	=
92	x	0.001	=	76	x	0.001	=
92	x	0.0001	=	76	x	0.0001	=

25	x	1	=	572	x	1	=
25	x	0.1	=	572	x	0.1	=
25	x	0.01	=	572	x	0.01	=
25	x	0.001	=	572	x	0.001	=
25	x	0.0001	=	572	x	0.0001	=

Challenge

Multiplying by Negative Powers of Ten Answers

Two-Digit Facts

$$\begin{aligned}67 \times 1 &= 67 \\67 \times 0.1 &= 6.7 \\67 \times 0.01 &= 0.67 \\67 \times 0.001 &= 0.067 \\67 \times 0.0001 &= 0.0067\end{aligned}$$

$$\begin{aligned}34 \times 1 &= 34 \\34 \times 0.1 &= 3.4 \\34 \times 0.01 &= 0.34 \\34 \times 0.001 &= 0.034 \\34 \times 0.0001 &= 0.0034\end{aligned}$$

$$\begin{aligned}19 \times 1 &= 19 \\19 \times 0.1 &= 1.9 \\19 \times 0.01 &= 0.19 \\19 \times 0.001 &= 0.019 \\19 \times 0.0001 &= 0.0019\end{aligned}$$

$$\begin{aligned}15 \times 1 &= 15 \\15 \times 0.1 &= 1.5 \\15 \times 0.01 &= 0.15 \\15 \times 0.001 &= 0.015 \\15 \times 0.0001 &= 0.0015\end{aligned}$$

$$\begin{aligned}70 \times 1 &= 70 \\70 \times 0.1 &= 7 \\70 \times 0.01 &= 0.7 \\70 \times 0.001 &= 0.07 \\70 \times 0.0001 &= 0.007\end{aligned}$$

$$\begin{aligned}93 \times 1 &= 93 \\93 \times 0.1 &= 9.3 \\93 \times 0.01 &= 0.93 \\93 \times 0.001 &= 0.093 \\93 \times 0.0001 &= 0.0093\end{aligned}$$

$$\begin{aligned}92 \times 1 &= 92 \\92 \times 0.1 &= 9.2 \\92 \times 0.01 &= 0.92 \\92 \times 0.001 &= 0.092 \\92 \times 0.0001 &= 0.0092\end{aligned}$$

$$\begin{aligned}76 \times 1 &= 76 \\76 \times 0.1 &= 7.6 \\76 \times 0.01 &= 0.76 \\76 \times 0.001 &= 0.076 \\76 \times 0.0001 &= 0.0076\end{aligned}$$

$$\begin{aligned}25 \times 1 &= 25 \\25 \times 0.1 &= 2.5 \\25 \times 0.01 &= 0.25 \\25 \times 0.001 &= 0.025 \\25 \times 0.0001 &= 0.0025\end{aligned}$$

$$\begin{aligned}572 \times 1 &= 572 \\572 \times 0.1 &= 57.2 \\572 \times 0.01 &= 5.72 \\572 \times 0.001 &= 0.572 \\572 \times 0.0001 &= 0.0572\end{aligned}$$

Challenge