## Multiplying by Negative Powers of Ten (F)

Name:

Date:

Multiply each number by negative powers of ten.

| $egin{array}{llllllllllllllllllllllllllllllllllll$  | $egin{aligned} 10,\!000 	imes 10^0 &= \ 10,\!000 	imes 10^{-1} &= \ 10,\!000 	imes 10^{-2} &= \ 10,\!000 	imes 10^{-3} &= \ 10,\!000 	imes 10^{-4} &= \end{aligned}$ |
|---|--|
| $egin{array}{llllllllllllllllllllllllllllllllllll$  | $90,000 	imes 10^0 = 90,000 	imes 10^{-1} = 90,000 	imes 10^{-2} = 90,000 	imes 10^{-3} = 90,000 	imes 10^{-4} =$  |
| $egin{aligned} 70,000 	imes 10^0 = \ 70,000 	imes 10^{-1} = \ 70,000 	imes 10^{-2} = \ 70,000 	imes 10^{-3} = \ 70,000 	imes 10^{-4} = \end{aligned}$ | $egin{aligned} 80,\!000 	imes 10^0 = \ 80,\!000 	imes 10^{-1} = \ 80,\!000 	imes 10^{-2} = \ 80,\!000 	imes 10^{-3} = \ 80,\!000 	imes 10^{-4} = \end{aligned}$      |
| $100,000 \times 10^{0} =$<br>$100,000 \times 10^{-1} =$<br>$100,000 \times 10^{-2} =$<br>$100,000 \times 10^{-3} =$<br>$100,000 \times 10^{-4} =$     | $egin{aligned} 20,000 	imes 10^0 = \ 20,000 	imes 10^{-1} = \ 20,000 	imes 10^{-2} = \ 20,000 	imes 10^{-3} = \ 20,000 	imes 10^{-4} = \end{aligned}$                |
| $egin{aligned} 40,000 	imes 10^0 = \ 40,000 	imes 10^{-1} = \ 40,000 	imes 10^{-2} = \ 40,000 	imes 10^{-3} = \ 40,000 	imes 10^{-4} = \end{aligned}$ | $egin{aligned} 60,000	imes10^0 =\ 60,000	imes10^{-1} =\ 60,000	imes10^{-2} =\ 60,000	imes10^{-3} =\ 60,000	imes10^{-4} = \end{aligned}$                              |

## Multiplying by Negative Powers of Ten (F) Answers

Name:

Date: \_\_\_\_\_

Multiply each number by negative powers of ten.

| $\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$ | $\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$   |
|--|--|
| $\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$ | $\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$   |
| $\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$ | $\begin{array}{rcl} 80,000\times 10^0 = & 80,000\\ 80,000\times 10^{-1} = & 8000\\ 80,000\times 10^{-2} = & 800\\ 80,000\times 10^{-3} = & 80\\ 80,000\times 10^{-4} = & 8\end{array}$ |
| $\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$ | $\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$   |
| $\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$ | $\begin{array}{rcl} 60,000\times 10^{0}=& 60,000\\ 60,000\times 10^{-1}=& 6000\\ 60,000\times 10^{-2}=& 600\\ 60,000\times 10^{-3}=& 60\\ 60,000\times 10^{-4}=& 6\end{array}$         |