Name: Date: $\qquad$
Multiply each number by multiples of positive powers of ten.

| $1 \times 2 \times 10^{0}=$ | $9 \times 5 \times 10^{0}=$ |
| :---: | :---: |
| $1 \times 2 \times 10^{1}=$ | $9 \times 5 \times 10^{1}=$ |
| $1 \times 2 \times 10^{2}=$ | $9 \times 5 \times 10^{2}=$ |
| $1 \times 2 \times 10^{3}=$ | $9 \times 5 \times 10^{3}=$ |
| $1 \times 2 \times 10^{4}=$ | $9 \times 5 \times 10^{4}=$ |
| $7 \times 3 \times 10^{0}=$ | $5 \times 3 \times 10^{0}=$ |
| $7 \times 3 \times 10^{1}=$ | $5 \times 3 \times 10^{1}=$ |
| $7 \times 3 \times 10^{2}=$ | $5 \times 3 \times 10^{2}=$ |
| $7 \times 3 \times 10^{3}=$ | $5 \times 3 \times 10^{3}=$ |
| $7 \times 3 \times 10^{4}=$ | $5 \times 3 \times 10^{4}=$ |
| $4 \times 4 \times 10^{0}=$ | $2 \times 9 \times 10^{0}=$ |
| $4 \times 4 \times 10^{1}=$ | $2 \times 9 \times 10^{1}=$ |
| $4 \times 4 \times 10^{2}=$ | $2 \times 9 \times 10^{2}=$ |
| $4 \times 4 \times 10^{3}=$ | $2 \times 9 \times 10^{3}=$ |
| $4 \times 4 \times 10^{4}=$ | $2 \times 9 \times 10^{4}=$ |
| $3 \times 3 \times 10^{0}=$ | $6 \times 2 \times 10^{0}=$ |
| $3 \times 3 \times 10^{1}=$ | $6 \times 2 \times 10^{1}=$ |
| $3 \times 3 \times 10^{2}=$ | $6 \times 2 \times 10^{2}=$ |
| $3 \times 3 \times 10^{3}=$ | $6 \times 2 \times 10^{3}=$ |
| $3 \times 3 \times 10^{4}=$ | $6 \times 2 \times 10^{4}=$ |
| $10 \times 2 \times 10^{0}=$ | $8 \times 6 \times 10^{0}=$ |
| $10 \times 2 \times 10^{1}=$ | $8 \times 6 \times 10^{1}=$ |
| $10 \times 2 \times 10^{2}=$ | $8 \times 6 \times 10^{2}=$ |
| $10 \times 2 \times 10^{3}=$ | $8 \times 6 \times 10^{3}=$ |
| $10 \times 2 \times 10^{4}=$ | $8 \times 6 \times 10^{4}=$ |

## Multiplying by Multiples of Positive Powers of Ten (A) Answers

Name: $\qquad$ Date: $\qquad$
Multiply each number by multiples of positive powers of ten.

$$
\begin{array}{ll}
1 \times 2 \times 10^{0}=2 & 9 \times 5 \times 10^{0}=45 \\
1 \times 2 \times 10^{1}=20 & 9 \times 5 \times 10^{1}=450 \\
1 \times 2 \times 10^{2}=200 & 9 \times 5 \times 10^{2}=4500 \\
1 \times 2 \times 10^{3}=2000 & 9 \times 5 \times 10^{3}=45,000 \\
1 \times 2 \times 10^{4}=20,000 & 9 \times 5 \times 10^{4}=450,000 \\
& \\
7 \times 3 \times 10^{0}=21 & 5 \times 3 \times 10^{0}=15 \\
7 \times 3 \times 10^{1}=210 & 5 \times 3 \times 10^{1}=150 \\
7 \times 3 \times 10^{2}=2100 & 5 \times 3 \times 10^{2}=1500 \\
7 \times 3 \times 10^{3}=21,000 & 5 \times 3 \times 10^{3}=15,000 \\
7 \times 3 \times 10^{4}=210,000 & 5 \times 3 \times 10^{4}=150,000 \\
& \\
4 \times 4 \times 10^{0}=16 & 2 \times 9 \times 10^{0}=18 \\
4 \times 4 \times 10^{1}=160 & 2 \times 9 \times 10^{1}=180 \\
4 \times 4 \times 10^{2}=1600 & 2 \times 9 \times 10^{2}=1800 \\
4 \times 4 \times 10^{3}=16,000 & 2 \times 9 \times 10^{3}=18,000 \\
4 \times 4 \times 10^{4}=160,000 & 2 \times 9 \times 10^{4}=180,000 \\
3 \times 3 \times 10^{0}=9 & 6 \times 2 \times 10^{0}=12 \\
3 \times 10^{1}=90 & 6 \times 2 \times 10^{1}=120 \\
3 \times 3 \times 10^{1}=9 \times 10^{2}=1200 \\
3 \times 3 \times 10^{2}=900 & 6 \times 2 \times 10^{3}=12,000 \\
3 \times 3 \times 10^{3}=9000 & 6 \times 2 \times 10^{3}=120 \\
3 \times 3 \times 10^{4}=90,000 & 6 \times 2 \times 10^{4}=120,000 \\
& \\
10 \times 2 \times 10^{0}=20 & 8 \times 6 \times 10^{0}=48 \\
10 \times 2 \times 10^{1}=200 & 8 \times 6 \times 10^{1}=480 \\
10 \times 2 \times 10^{2}=2000 & 8 \times 6 \times 10^{2}=4800 \\
10 \times 2 \times 10^{3}=20,000 & 8 \times 6 \times 10^{3}=48,000 \\
10 \times 2 \times 10^{4}=200,000 & 8 \times 6 \times 10^{4}=480,000
\end{array}
$$

Name: $\qquad$ Date: $\qquad$
Multiply each number by multiples of positive powers of ten.

| $3 \times 4 \times 10^{0}=$ | $2 \times 2 \times 10^{0}=$ |
| :--- | :--- |
| $3 \times 4 \times 10^{1}=$ | $2 \times 2 \times 10^{1}=$ |
| $3 \times 4 \times 10^{2}=$ | $2 \times 2 \times 10^{2}=$ |
| $3 \times 4 \times 10^{3}=$ | $2 \times 2 \times 10^{3}=$ |
| $3 \times 4 \times 10^{4}=$ | $2 \times 2 \times 10^{4}=$ |
|  |  |
| $7 \times 7 \times 10^{0}=$ | $8 \times 4 \times 10^{0}=$ |
| $7 \times 7 \times 10^{1}=$ | $8 \times 4 \times 10^{1}=$ |
| $7 \times 7 \times 10^{2}=$ | $8 \times 4 \times 10^{2}=$ |
| $7 \times 7 \times 10^{3}=$ | $8 \times 4 \times 10^{3}=$ |
| $7 \times 7 \times 10^{4}=$ | $8 \times 4 \times 10^{4}=$ |
|  |  |
| $1 \times 6 \times 10^{0}=$ | $4 \times 6 \times 10^{0}=$ |
| $1 \times 6 \times 10^{1}=$ | $4 \times 6 \times 10^{1}=$ |
| $1 \times 6 \times 10^{2}=$ | $4 \times 6 \times 10^{2}=$ |
| $1 \times 6 \times 10^{3}=$ | $4 \times 6 \times 10^{3}=$ |
| $1 \times 6 \times 10^{4}=$ | $4 \times 6 \times 10^{4}=$ |
|  |  |
| $5 \times 8 \times 10^{0}=$ | $9 \times 2 \times 10^{0}=$ |
| $5 \times 8 \times 10^{1}=$ | $9 \times 2 \times 10^{1}=$ |
| $5 \times 8 \times 10^{2}=$ | $9 \times 2 \times 10^{2}=$ |
| $5 \times 8 \times 10^{3}=$ | $9 \times 2 \times 10^{3}=$ |
| $5 \times 8 \times 10^{4}=$ | $9 \times 2 \times 10^{4}=$ |
|  |  |
| $10 \times 6 \times 10^{0}=$ | $6 \times 8 \times 10^{0}=$ |
| $10 \times 6 \times 10^{1}=$ | $6 \times 8 \times 10^{1}=$ |
| $10 \times 6 \times 10^{2}=$ | $6 \times 8 \times 10^{2}=$ |
| $10 \times 6 \times 10^{3}=$ | $6 \times 8 \times 10^{3}=$ |
| $10 \times 6 \times 10^{4}=$ | $6 \times 8 \times 10^{4}=$ |
|  |  |

Name: $\qquad$ Date: $\qquad$
Multiply each number by multiples of positive powers of ten.

$$
\begin{array}{ll}
3 \times 4 \times 10^{0}=12 & 2 \times 2 \times 10^{0}=4 \\
3 \times 4 \times 10^{1}=120 & 2 \times 2 \times 10^{1}=40 \\
3 \times 4 \times 10^{2}=1200 & 2 \times 2 \times 10^{2}=400 \\
3 \times 4 \times 10^{3}=12,000 & 2 \times 2 \times 10^{3}=4000 \\
3 \times 4 \times 10^{4}=120,000 & 2 \times 2 \times 10^{4}=40,000 \\
& \\
7 \times 7 \times 10^{0}=49 & 8 \times 4 \times 10^{0}=32 \\
7 \times 7 \times 10^{1}=490 & 8 \times 4 \times 10^{1}=320 \\
7 \times 7 \times 10^{2}=4900 & 8 \times 4 \times 10^{2}=3200 \\
7 \times 7 \times 10^{3}=49,000 & 8 \times 4 \times 10^{3}=32,000 \\
7 \times 7 \times 10^{4}=490,000 & 8 \times 4 \times 10^{4}=320,000 \\
& \\
1 \times 6 \times 10^{0}=6 & 4 \times 6 \times 10^{0}=24 \\
1 \times 6 \times 10^{1}=60 & 4 \times 6 \times 10^{1}=240 \\
1 \times 6 \times 10^{2}=600 & 4 \times 6 \times 10^{2}=2400 \\
1 \times 6 \times 10^{3}=6000 & 4 \times 6 \times 10^{3}=24,000 \\
1 \times 6 \times 10^{4}=60,000 & 4 \times 6 \times 10^{4}=240,000 \\
5 \times 8 \times 10^{0}=40 & 9 \times 2 \times 10^{0}=18 \\
5 \times 10^{1}=400 & 9 \times 2 \times 10^{1}=180 \\
5 \times 8 \times 10^{1}=40 \\
5 \times 8 \times 10^{2}=4000 & 9 \times 2 \times 10^{2}=1800 \\
5 \times 8 \times 10^{3}=40,000 & 9 \times 2 \times 10^{3}=18,000 \\
5 \times 8 \times 10^{4}=400,000 & 9 \times 2 \times 10^{4}=180,000 \\
& \\
10 \times 6 \times 10^{0}=60 & 6 \times 8 \times 10^{0}=48 \\
10 \times 6 \times 10^{1}=600 & 6 \times 8 \times 10^{1}=480 \\
10 \times 6 \times 10^{2}=6000 & 6 \times 8 \times 10^{2}=4800 \\
10 \times 6 \times 10^{3}=60,000 & 6 \times 8 \times 10^{3}=48,000 \\
10 \times 6 \times 10^{4}=600,000 & 6 \times 8 \times 10^{4}=480,000
\end{array}
$$

Name: $\qquad$ Date: $\qquad$
Multiply each number by multiples of positive powers of ten.

| $10 \times 6 \times 10^{0}=$ | $7 \times 2 \times 10^{0}=$ |
| :--- | :--- |
| $10 \times 6 \times 10^{1}=$ | $7 \times 2 \times 10^{1}=$ |
| $10 \times 6 \times 10^{2}=$ | $7 \times 2 \times 10^{2}=$ |
| $10 \times 6 \times 10^{3}=$ | $7 \times 2 \times 10^{3}=$ |
| $10 \times 6 \times 10^{4}=$ | $7 \times 2 \times 10^{4}=$ |
|  |  |
| $8 \times 3 \times 10^{0}=$ | $1 \times 8 \times 10^{0}=$ |
| $8 \times 3 \times 10^{1}=$ | $1 \times 8 \times 10^{1}=$ |
| $8 \times 3 \times 10^{2}=$ | $1 \times 8 \times 10^{2}=$ |
| $8 \times 3 \times 10^{3}=$ | $1 \times 8 \times 10^{3}=$ |
| $8 \times 3 \times 10^{4}=$ | $1 \times 8 \times 10^{4}=$ |
|  |  |
| $5 \times 7 \times 10^{0}=$ | $6 \times 5 \times 10^{0}=$ |
| $5 \times 7 \times 10^{1}=$ | $6 \times 5 \times 10^{1}=$ |
| $5 \times 7 \times 10^{2}=$ | $6 \times 5 \times 10^{2}=$ |
| $5 \times 7 \times 10^{3}=$ | $6 \times 5 \times 10^{3}=$ |
| $5 \times 7 \times 10^{4}=$ | $6 \times 5 \times 10^{4}=$ |
|  |  |
| $3 \times 6 \times 10^{0}=$ | $9 \times 3 \times 10^{0}=$ |
| $3 \times 6 \times 10^{1}=$ | $9 \times 3 \times 10^{1}=$ |
| $3 \times 6 \times 10^{2}=$ | $9 \times 3 \times 10^{2}=$ |
| $3 \times 6 \times 10^{3}=$ | $9 \times 3 \times 10^{3}=$ |
| $3 \times 6 \times 10^{4}=$ | $9 \times 3 \times 10^{4}=$ |
|  |  |
| $2 \times 5 \times 10^{0}=$ | $4 \times 5 \times 10^{0}=$ |
| $2 \times 5 \times 10^{1}=$ | $4 \times 5 \times 10^{1}=$ |
| $2 \times 5 \times 10^{2}=$ | $4 \times 5 \times 10^{2}=$ |
| $2 \times 5 \times 10^{3}=$ | $4 \times 5 \times 10^{3}=$ |
| $2 \times 5 \times 10^{4}=$ | $4 \times 5 \times 10^{4}=$ |
|  |  |

## Multiplying by Multiples of Positive Powers of Ten (C) Answers

Name: $\qquad$ Date: $\qquad$
Multiply each number by multiples of positive powers of ten.

$$
\begin{array}{ll}
10 \times 6 \times 10^{0}=60 & 7 \times 2 \times 10^{0}=14 \\
10 \times 6 \times 10^{1}=600 & 7 \times 2 \times 10^{1}=140 \\
10 \times 6 \times 10^{2}=6000 & 7 \times 2 \times 10^{2}=1400 \\
10 \times 6 \times 10^{3}=60,000 & 7 \times 2 \times 10^{3}=14,000 \\
10 \times 6 \times 10^{4}=600,000 & 7 \times 2 \times 10^{4}=140,000 \\
& \\
8 \times 3 \times 10^{0}=24 & 1 \times 8 \times 10^{0}=8 \\
8 \times 3 \times 10^{1}=240 & 1 \times 8 \times 10^{1}=80 \\
8 \times 3 \times 10^{2}=2400 & 1 \times 8 \times 10^{2}=800 \\
8 \times 3 \times 10^{3}=24,000 & 1 \times 8 \times 10^{3}=8000 \\
8 \times 3 \times 10^{4}=240,000 & 1 \times 8 \times 10^{4}=80,000 \\
& \\
5 \times 7 \times 10^{0}=35 & 6 \times 5 \times 10^{0}=30 \\
5 \times 7 \times 10^{1}=350 & 6 \times 5 \times 10^{1}=300 \\
5 \times 7 \times 10^{2}=3500 & 6 \times 5 \times 10^{2}=3000 \\
5 \times 7 \times 10^{3}=35,000 & 6 \times 5 \times 10^{3}=30,000 \\
5 \times 7 \times 10^{4}=350,000 & 6 \times 5 \times 10^{4}=300,000 \\
& \\
3 \times 6 \times 10^{0}=18 & 9 \times 3 \times 10^{0}=27 \\
3 \times 6 \times 10^{1}=180 & 9 \times 3 \times 10^{1}=270 \\
3 \times 6 \times 10^{2}=1800 & 9 \times 3 \times 10^{2}=2700 \\
3 \times 6 \times 10^{3}=18,000 & 9 \times 3 \times 10^{3}=27,000 \\
3 \times 6 \times 10^{4}=180,000 & 9 \times 3 \times 10^{4}=270,000 \\
& \\
2 \times 5 \times 10^{0}=10 & 4 \times 5 \times 10^{0}=20 \\
2 \times 5 \times 10^{1}=100 & 4 \times 5 \times 10^{1}=200 \\
2 \times 5 \times 10^{2}=1000 & 4 \times 5 \times 10^{2}=2000 \\
2 \times 5 \times 10^{3}=10,000 & 4 \times 5 \times 10^{3}=20,000 \\
2 \times 5 \times 10^{4}=100,000 & 4 \times 5 \times 10^{4}=200,000
\end{array}
$$

Name: $\qquad$ Date: $\qquad$
Multiply each number by multiples of positive powers of ten.

| $6 \times 6 \times 10^{0}=$ | $8 \times 5 \times 10^{0}=$ |
| :--- | :--- |
| $6 \times 6 \times 10^{1}=$ | $8 \times 5 \times 10^{1}=$ |
| $6 \times 6 \times 10^{2}=$ | $8 \times 5 \times 10^{2}=$ |
| $6 \times 6 \times 10^{3}=$ | $8 \times 5 \times 10^{3}=$ |
| $6 \times 6 \times 10^{4}=$ | $8 \times 5 \times 10^{4}=$ |
|  |  |
| $5 \times 2 \times 10^{0}=$ | $1 \times 7 \times 10^{0}=$ |
| $5 \times 2 \times 10^{1}=$ | $1 \times 7 \times 10^{1}=$ |
| $5 \times 2 \times 10^{2}=$ | $1 \times 7 \times 10^{2}=$ |
| $5 \times 2 \times 10^{3}=$ | $1 \times 7 \times 10^{3}=$ |
| $5 \times 2 \times 10^{4}=$ | $1 \times 7 \times 10^{4}=$ |
|  |  |
| $4 \times 3 \times 10^{0}=$ | $7 \times 2 \times 10^{0}=$ |
| $4 \times 3 \times 10^{1}=$ | $7 \times 2 \times 10^{1}=$ |
| $4 \times 3 \times 10^{2}=$ | $7 \times 2 \times 10^{2}=$ |
| $4 \times 3 \times 10^{3}=$ | $7 \times 2 \times 10^{3}=$ |
| $4 \times 3 \times 10^{4}=$ | $7 \times 2 \times 10^{4}=$ |
|  |  |
| $10 \times 4 \times 10^{0}=$ | $3 \times 5 \times 10^{0}=$ |
| $10 \times 4 \times 10^{1}=$ | $3 \times 5 \times 10^{1}=$ |
| $10 \times 4 \times 10^{2}=$ | $3 \times 5 \times 10^{2}=$ |
| $10 \times 4 \times 10^{3}=$ | $3 \times 5 \times 10^{3}=$ |
| $10 \times 4 \times 10^{4}=$ | $3 \times 5 \times 10^{4}=$ |
| $9 \times 7 \times 10^{0}=$ | $2 \times 9 \times 10^{0}=$ |
| $9 \times 7 \times 10^{1}=$ | $2 \times 9 \times 10^{1}=$ |
| $9 \times 7 \times 10^{2}=$ | $2 \times 9 \times 10^{2}=$ |
| $9 \times 7 \times 10^{3}=$ | $2 \times 9 \times 10^{3}=$ |
| $9 \times 7 \times 10^{4}=$ | $2 \times 10^{4}=$ |
| $5 \times 10$ |  |

Name: $\qquad$ Date: $\qquad$
Multiply each number by multiples of positive powers of ten.

| $6 \times 6 \times 10^{0}=36$ | $8 \times 5 \times 10^{0}=40$ |
| :---: | :---: |
| $6 \times 6 \times 10^{1}=360$ | $8 \times 5 \times 10^{1}=400$ |
| $6 \times 6 \times 10^{2}=3600$ | $8 \times 5 \times 10^{2}=4000$ |
| $6 \times 6 \times 10^{3}=36,000$ | $8 \times 5 \times 10^{3}=40,000$ |
| $6 \times 6 \times 10^{4}=360,000$ | $8 \times 5 \times 10^{4}=400,000$ |
| $5 \times 2 \times 10^{0}=10$ | $1 \times 7 \times 10^{0}=7$ |
| $5 \times 2 \times 10^{1}=100$ | $1 \times 7 \times 10^{1}=70$ |
| $5 \times 2 \times 10^{2}=1000$ | $1 \times 7 \times 10^{2}=700$ |
| $5 \times 2 \times 10^{3}=10,000$ | $1 \times 7 \times 10^{3}=7000$ |
| $5 \times 2 \times 10^{4}=100,000$ | $1 \times 7 \times 10^{4}=70,000$ |
| $4 \times 3 \times 10^{0}=12$ | $7 \times 2 \times 10^{0}=14$ |
| $4 \times 3 \times 10^{1}=120$ | $7 \times 2 \times 10^{1}=140$ |
| $4 \times 3 \times 10^{2}=1200$ | $7 \times 2 \times 10^{2}=1400$ |
| $4 \times 3 \times 10^{3}=12,000$ | $7 \times 2 \times 10^{3}=14,000$ |
| $4 \times 3 \times 10^{4}=120,000$ | $7 \times 2 \times 10^{4}=140,000$ |
| $10 \times 4 \times 10^{0}=40$ | $3 \times 5 \times 10^{0}=15$ |
| $10 \times 4 \times 10^{1}=400$ | $3 \times 5 \times 10^{1}=150$ |
| $10 \times 4 \times 10^{2}=4000$ | $3 \times 5 \times 10^{2}=1500$ |
| $10 \times 4 \times 10^{3}=40,000$ | $3 \times 5 \times 10^{3}=15,000$ |
| $10 \times 4 \times 10^{4}=400,000$ | $3 \times 5 \times 10^{4}=150,000$ |
| $9 \times 7 \times 10^{0}=63$ | $2 \times 9 \times 10^{0}=18$ |
| $9 \times 7 \times 10^{1}=630$ | $2 \times 9 \times 10^{1}=180$ |
| $9 \times 7 \times 10^{2}=6300$ | $2 \times 9 \times 10^{2}=1800$ |
| $9 \times 7 \times 10^{3}=63,000$ | $2 \times 9 \times 10^{3}=18,000$ |
| $9 \times 7 \times 10^{4}=630,000$ | $2 \times 9 \times 10^{4}=180,000$ |

Name: $\qquad$ Date: $\qquad$
Multiply each number by multiples of positive powers of ten.
$10 \times 6 \times 10^{0}=$
$10 \times 6 \times 10^{1}=$
$10 \times 6 \times 10^{2}=$
$10 \times 6 \times 10^{3}=$
$10 \times 6 \times 10^{4}=$
$6 \times 3 \times 10^{0}=$
$6 \times 3 \times 10^{1}=$
$6 \times 3 \times 10^{2}=$
$6 \times 3 \times 10^{3}=$
$6 \times 3 \times 10^{4}=$
$2 \times 5 \times 10^{0}=$
$2 \times 5 \times 10^{1}=$
$2 \times 5 \times 10^{2}=$
$2 \times 5 \times 10^{3}=$
$2 \times 5 \times 10^{4}=$
$4 \times 7 \times 10^{0}=$
$4 \times 7 \times 10^{1}=$
$4 \times 7 \times 10^{2}=$
$4 \times 7 \times 10^{3}=$
$4 \times 7 \times 10^{4}=$
$3 \times 5 \times 10^{0}=$
$3 \times 5 \times 10^{1}=$
$3 \times 5 \times 10^{2}=$
$3 \times 5 \times 10^{3}=$
$3 \times 5 \times 10^{4}=$
$5 \times 5 \times 10^{0}=$
$5 \times 5 \times 10^{1}=$
$5 \times 5 \times 10^{2}=$
$5 \times 5 \times 10^{3}=$
$5 \times 5 \times 10^{4}=$
$8 \times 7 \times 10^{0}=$
$8 \times 7 \times 10^{1}=$
$8 \times 7 \times 10^{2}=$
$8 \times 7 \times 10^{3}=$
$8 \times 7 \times 10^{4}=$
$9 \times 9 \times 10^{0}=$
$9 \times 9 \times 10^{1}=$
$9 \times 9 \times 10^{2}=$
$9 \times 9 \times 10^{3}=$
$9 \times 9 \times 10^{4}=$
$1 \times 4 \times 10^{0}=$
$1 \times 4 \times 10^{1}=$
$1 \times 4 \times 10^{2}=$
$1 \times 4 \times 10^{3}=$
$1 \times 4 \times 10^{4}=$
$7 \times 6 \times 10^{0}=$
$7 \times 6 \times 10^{1}=$
$7 \times 6 \times 10^{2}=$
$7 \times 6 \times 10^{3}=$
$7 \times 6 \times 10^{4}=$

## Multiplying by Multiples of Positive Powers of Ten (E) Answers

Name: $\qquad$ Date: $\qquad$
Multiply each number by multiples of positive powers of ten.

$$
\begin{array}{ll}
10 \times 6 \times 10^{0}=60 & 5 \times 5 \times 10^{0}=25 \\
10 \times 6 \times 10^{1}=600 & 5 \times 5 \times 10^{1}=250 \\
10 \times 6 \times 10^{2}=6000 & 5 \times 5 \times 10^{2}=2500 \\
10 \times 6 \times 10^{3}=60,000 & 5 \times 5 \times 10^{3}=25,000 \\
10 \times 6 \times 10^{4}=600,000 & 5 \times 5 \times 10^{4}=250,000 \\
& \\
6 \times 3 \times 10^{0}=18 & 8 \times 7 \times 10^{0}=56 \\
6 \times 3 \times 10^{1}=180 & 8 \times 7 \times 10^{1}=560 \\
6 \times 3 \times 10^{2}=1800 & 8 \times 7 \times 10^{2}=5600 \\
6 \times 3 \times 10^{3}=18,000 & 8 \times 7 \times 10^{3}=56,000 \\
6 \times 3 \times 10^{4}=180,000 & 8 \times 7 \times 10^{4}=560,000 \\
& \\
2 \times 5 \times 10^{0}=10 & 9 \times 9 \times 10^{0}=81 \\
2 \times 5 \times 10^{1}=100 & 9 \times 9 \times 10^{1}=810 \\
2 \times 5 \times 10^{2}=1000 & 9 \times 9 \times 10^{2}=8100 \\
2 \times 5 \times 10^{3}=10,000 & 9 \times 9 \times 10^{3}=81,000 \\
2 \times 5 \times 10^{4}=100,000 & 9 \times 9 \times 10^{4}=810,000
\end{array}
$$

$$
4 \times 7 \times 10^{0}=28
$$

$$
4 \times 7 \times 10^{1}=280
$$

$$
4 \times 7 \times 10^{2}=2800
$$

$$
4 \times 7 \times 10^{3}=28,000
$$

$$
4 \times 7 \times 10^{4}=280,000
$$

$$
3 \times 5 \times 10^{0}=15
$$

$$
3 \times 5 \times 10^{1}=150
$$

$$
3 \times 5 \times 10^{2}=1500
$$

$$
3 \times 5 \times 10^{3}=15,000
$$

$$
3 \times 5 \times 10^{4}=150,000
$$

$1 \times 4 \times 10^{0}=4$
$1 \times 4 \times 10^{1}=40$
$1 \times 4 \times 10^{2}=400$
$1 \times 4 \times 10^{3}=4000$
$1 \times 4 \times 10^{4}=40,000$
$7 \times 6 \times 10^{0}=42$
$7 \times 6 \times 10^{1}=420$
$7 \times 6 \times 10^{2}=4200$
$7 \times 6 \times 10^{3}=42,000$
$7 \times 6 \times 10^{4}=420,000$

Name: $\qquad$ Date: $\qquad$
Multiply each number by multiples of positive powers of ten.

| $5 \times 8 \times 10^{0}=$ | $8 \times 6 \times 10^{0}=$ |
| :--- | :--- |
| $5 \times 8 \times 10^{1}=$ | $8 \times 6 \times 10^{1}=$ |
| $5 \times 8 \times 10^{2}=$ | $8 \times 6 \times 10^{2}=$ |
| $5 \times 8 \times 10^{3}=$ | $8 \times 6 \times 10^{3}=$ |
| $5 \times 8 \times 10^{4}=$ | $8 \times 6 \times 10^{4}=$ |
|  |  |
| $9 \times 8 \times 10^{0}=$ | $7 \times 7 \times 10^{0}=$ |
| $9 \times 8 \times 10^{1}=$ | $7 \times 7 \times 10^{1}=$ |
| $9 \times 8 \times 10^{2}=$ | $7 \times 7 \times 10^{2}=$ |
| $9 \times 8 \times 10^{3}=$ | $7 \times 7 \times 10^{3}=$ |
| $9 \times 8 \times 10^{4}=$ | $7 \times 7 \times 10^{4}=$ |
|  |  |
| $4 \times 3 \times 10^{0}=$ | $2 \times 8 \times 10^{0}=$ |
| $4 \times 3 \times 10^{1}=$ | $2 \times 8 \times 10^{1}=$ |
| $4 \times 3 \times 10^{2}=$ | $2 \times 8 \times 10^{2}=$ |
| $4 \times 3 \times 10^{3}=$ | $2 \times 8 \times 10^{3}=$ |
| $4 \times 3 \times 10^{4}=$ | $2 \times 8 \times 10^{4}=$ |
|  |  |
| $6 \times 4 \times 10^{0}=$ | $1 \times 7 \times 10^{0}=$ |
| $6 \times 4 \times 10^{1}=$ | $1 \times 7 \times 10^{1}=$ |
| $6 \times 4 \times 10^{2}=$ | $1 \times 7 \times 10^{2}=$ |
| $6 \times 4 \times 10^{3}=$ | $1 \times 7 \times 10^{3}=$ |
| $6 \times 4 \times 10^{4}=$ | $1 \times 7 \times 10^{4}=$ |

$10 \times 6 \times 10^{0}=$
$10 \times 6 \times 10^{1}=$
$10 \times 6 \times 10^{2}=$
$10 \times 6 \times 10^{3}=$
$10 \times 6 \times 10^{4}=$
$8 \times 6 \times 10^{0}=$
$8 \times 6 \times 10^{1}=$
$8 \times 6 \times 10^{2}=$
$8 \times 6 \times 10^{3}=$
$8 \times 6 \times 10^{4}=$
$7 \times 7 \times 10^{0}=$
$7 \times 7 \times 10^{1}=$
$7 \times 7 \times 10^{2}=$
$7 \times 7 \times 10^{3}=$
$7 \times 7 \times 10^{4}=$
$2 \times 8 \times 10^{0}=$
$2 \times 8 \times 10^{1}=$
$2 \times 8 \times 10^{2}=$
$2 \times 8 \times 10^{3}=$
$2 \times 8 \times 10^{4}=$
$1 \times 7 \times 10^{0}=$
$1 \times 7 \times 10^{1}=$
$1 \times 7 \times 10^{2}=$
$1 \times 7 \times 10^{3}=$
$1 \times 7 \times 10^{4}=$
$3 \times 2 \times 10^{0}=$
$3 \times 2 \times 10^{1}=$
$3 \times 2 \times 10^{2}=$
$3 \times 2 \times 10^{3}=$
$3 \times 2 \times 10^{4}=$

## Multiplying by Multiples of Positive Powers of Ten (F) Answers

Name: $\qquad$ Date: $\qquad$
Multiply each number by multiples of positive powers of ten.

$$
\begin{array}{ll}
5 \times 8 \times 10^{0}=40 & 8 \times 6 \times 10^{0}=48 \\
5 \times 8 \times 10^{1}=400 & 8 \times 6 \times 10^{1}=480 \\
5 \times 8 \times 10^{2}=4000 & 8 \times 6 \times 10^{2}=4800 \\
5 \times 8 \times 10^{3}=40,000 & 8 \times 6 \times 10^{3}=48,000 \\
5 \times 8 \times 10^{4}=400,000 & 8 \times 6 \times 10^{4}=480,000 \\
& \\
9 \times 8 \times 10^{0}=72 & 7 \times 7 \times 10^{0}=49 \\
9 \times 8 \times 10^{1}=720 & 7 \times 7 \times 10^{1}=490 \\
9 \times 8 \times 10^{2}=7200 & 7 \times 7 \times 10^{2}=4900 \\
9 \times 8 \times 10^{3}=72,000 & 7 \times 7 \times 10^{3}=49,000 \\
9 \times 8 \times 10^{4}=720,000 & 7 \times 7 \times 10^{4}=490,000 \\
& \\
4 \times 3 \times 10^{0}=12 & 2 \times 8 \times 10^{0}=16 \\
4 \times 3 \times 10^{1}=120 & 2 \times 8 \times 10^{1}=160 \\
4 \times 3 \times 10^{2}=1200 & 2 \times 8 \times 10^{2}=1600 \\
4 \times 3 \times 10^{3}=12,000 & 2 \times 8 \times 10^{3}=16,000 \\
4 \times 3 \times 10^{4}=120,000 & 2 \times 8 \times 10^{4}=160,000 \\
& \\
6 \times 4 \times 10^{0}=24 & 1 \times 7 \times 10^{0}=7 \\
6 \times 4 \times 10^{1}=240 & 1 \times 7 \times 10^{1}=70 \\
6 \times 4 \times 10^{2}=2400 & 1 \times 7 \times 10^{2}=700 \\
6 \times 4 \times 10^{3}=24,000 & 1 \times 7 \times 10^{3}=7000 \\
6 \times 4 \times 10^{4}=240,000 & 1 \times 7 \times 10^{4}=70,000 \\
& \\
10 \times 6 \times 10^{0}=60 & 3 \times 2 \times 10^{0}=6 \\
10 \times 6 \times 10^{1}=600 & 3 \times 2 \times 10^{1}=60 \\
10 \times 6 \times 10^{2}=6000 & 3 \times 2 \times 10^{2}=600 \\
10 \times 6 \times 10^{3}=60,000 & 3 \times 2 \times 10^{3}=6000 \\
10 \times 6 \times 10^{4}=600,000 & 3 \times 2 \times 10^{4}=60,000
\end{array}
$$

$$
10 \times 6 \times 10^{0}=60
$$

$$
10 \times 6 \times 10^{1}=600
$$

$$
10 \times 6 \times 10^{2}=6000
$$

$$
10 \times 6 \times 10^{3}=60,000
$$

$$
10 \times 6 \times 10^{4}=600,000
$$

Name: $\qquad$ Date: $\qquad$
Multiply each number by multiples of positive powers of ten.

| $1 \times 3 \times 10^{0}=$ | $6 \times 7 \times 10^{0}=$ |
| :--- | :--- |
| $1 \times 3 \times 10^{1}=$ | $6 \times 7 \times 10^{1}=$ |
| $1 \times 3 \times 10^{2}=$ | $6 \times 7 \times 10^{2}=$ |
| $1 \times 3 \times 10^{3}=$ | $6 \times 7 \times 10^{3}=$ |
| $1 \times 3 \times 10^{4}=$ | $6 \times 7 \times 10^{4}=$ |
|  |  |
| $9 \times 4 \times 10^{0}=$ | $3 \times 6 \times 10^{0}=$ |
| $9 \times 4 \times 10^{1}=$ | $3 \times 6 \times 10^{1}=$ |
| $9 \times 4 \times 10^{2}=$ | $3 \times 6 \times 10^{2}=$ |
| $9 \times 4 \times 10^{3}=$ | $3 \times 6 \times 10^{3}=$ |
| $9 \times 4 \times 10^{4}=$ | $3 \times 6 \times 10^{4}=$ |
|  |  |
| $4 \times 9 \times 10^{0}=$ | $5 \times 8 \times 10^{0}=$ |
| $4 \times 9 \times 10^{1}=$ | $5 \times 8 \times 10^{1}=$ |
| $4 \times 9 \times 10^{2}=$ | $5 \times 8 \times 10^{2}=$ |
| $4 \times 9 \times 10^{3}=$ | $5 \times 8 \times 10^{3}=$ |
| $4 \times 9 \times 10^{4}=$ | $5 \times 8 \times 10^{4}=$ |
|  |  |
| $10 \times 7 \times 10^{0}=$ | $7 \times 2 \times 10^{0}=$ |
| $10 \times 7 \times 10^{1}=$ | $7 \times 2 \times 10^{1}=$ |
| $10 \times 7 \times 10^{2}=$ | $7 \times 2 \times 10^{2}=$ |
| $10 \times 7 \times 10^{3}=$ | $7 \times 2 \times 10^{3}=$ |
| $10 \times 7 \times 10^{4}=$ | $7 \times 2 \times 10^{4}=$ |
| $2 \times 2 \times 10^{0}=$ | $8 \times 8 \times 10^{0}=$ |
| $2 \times 2 \times 10^{1}=$ | $8 \times 8 \times 10^{1}=$ |
| $2 \times 2 \times 10^{2}=$ | $8 \times 8 \times 10^{2}=$ |
| $2 \times 2 \times 10^{3}=$ | $8 \times 8 \times 10^{3}=$ |
| $2 \times 2 \times 10^{4}=$ | $8 \times 8 \times 10^{4}=$ |
| $2 \times 10$ |  |

## Multiplying by Multiples of Positive Powers of Ten (G) Answers

Name: $\qquad$ Date: $\qquad$
Multiply each number by multiples of positive powers of ten.

$$
\begin{array}{ll}
1 \times 3 \times 10^{0}=3 & 6 \times 7 \times 10^{0}=42 \\
1 \times 3 \times 10^{1}=30 & 6 \times 7 \times 10^{1}=420 \\
1 \times 3 \times 10^{2}=300 & 6 \times 7 \times 10^{2}=4200 \\
1 \times 3 \times 10^{3}=3000 & 6 \times 7 \times 10^{3}=42,000 \\
1 \times 3 \times 10^{4}=30,000 & 6 \times 7 \times 10^{4}=420,000 \\
& \\
9 \times 4 \times 10^{0}=36 & 3 \times 6 \times 10^{0}=18 \\
9 \times 4 \times 10^{1}=360 & 3 \times 6 \times 10^{1}=180 \\
9 \times 4 \times 10^{2}=3600 & 3 \times 6 \times 10^{2}=1800 \\
9 \times 4 \times 10^{3}=36,000 & 3 \times 6 \times 10^{3}=18,000 \\
9 \times 4 \times 10^{4}=360,000 & 3 \times 6 \times 10^{4}=180,000 \\
& \\
4 \times 9 \times 10^{0}=36 & 5 \times 8 \times 10^{0}=40 \\
4 \times 9 \times 10^{1}=360 & 5 \times 8 \times 10^{1}=400 \\
4 \times 9 \times 10^{2}=3600 & 5 \times 8 \times 10^{2}=4000 \\
4 \times 9 \times 10^{3}=36,000 & 5 \times 8 \times 10^{3}=40,000 \\
4 \times 9 \times 10^{4}=360,000 & 5 \times 8 \times 10^{4}=400,000 \\
& \\
10 \times 7 \times 10^{0}=70 & 7 \times 2 \times 10^{0}=14 \\
10 \times 7 \times 10^{1}=700 & 7 \times 2 \times 10^{1}=140 \\
10 \times 7 \times 10^{2}=7000 & 7 \times 2 \times 10^{2}=1400 \\
10 \times 7 \times 10^{3}=70,000 & 7 \times 2 \times 10^{3}=14,000 \\
10 \times 7 \times 10^{4}=700,000 & 7 \times 2 \times 10^{4}=140,000 \\
& \\
2 \times 2 \times 10^{0}=4 & 8 \times 8 \times 10^{0}=64 \\
2 \times 2 \times 10^{1}=40 & 8 \times 8 \times 10^{1}=640 \\
2 \times 2 \times 10^{2}=400 & 8 \times 8 \times 10^{2}=6400 \\
2 \times 2 \times 10^{3}=4000 & 8 \times 8 \times 10^{3}=64,000 \\
2 \times 2 \times 10^{4}=40,000 & 8 \times 8 \times 10^{4}=640,000
\end{array}
$$

$\qquad$
$\qquad$
Multiply each number by multiples of positive powers of ten.
$10 \times 3 \times 10^{0}=$
$10 \times 3 \times 10^{1}=$
$10 \times 3 \times 10^{2}=$
$10 \times 3 \times 10^{3}=$
$10 \times 3 \times 10^{4}=$
$9 \times 4 \times 10^{0}=$
$9 \times 4 \times 10^{1}=$
$9 \times 4 \times 10^{2}=$
$9 \times 4 \times 10^{3}=$
$9 \times 4 \times 10^{4}=$
$8 \times 2 \times 10^{0}=$
$8 \times 2 \times 10^{1}=$
$8 \times 2 \times 10^{2}=$
$8 \times 2 \times 10^{3}=$
$8 \times 2 \times 10^{4}=$
$4 \times 3 \times 10^{0}=$
$4 \times 3 \times 10^{1}=$
$4 \times 3 \times 10^{2}=$
$4 \times 3 \times 10^{3}=$
$4 \times 3 \times 10^{4}=$
$1 \times 9 \times 10^{0}=$
$1 \times 9 \times 10^{1}=$
$1 \times 9 \times 10^{2}=$
$1 \times 9 \times 10^{3}=$
$1 \times 9 \times 10^{4}=$
$5 \times 4 \times 10^{0}=$
$5 \times 4 \times 10^{1}=$
$5 \times 4 \times 10^{2}=$
$5 \times 4 \times 10^{3}=$
$5 \times 4 \times 10^{4}=$
$7 \times 7 \times 10^{0}=$
$7 \times 7 \times 10^{1}=$
$7 \times 7 \times 10^{2}=$
$7 \times 7 \times 10^{3}=$
$7 \times 7 \times 10^{4}=$
$6 \times 6 \times 10^{0}=$
$6 \times 6 \times 10^{1}=$
$6 \times 6 \times 10^{2}=$
$6 \times 6 \times 10^{3}=$
$6 \times 6 \times 10^{4}=$
$2 \times 3 \times 10^{0}=$
$2 \times 3 \times 10^{1}=$
$2 \times 3 \times 10^{2}=$
$2 \times 3 \times 10^{3}=$
$2 \times 3 \times 10^{4}=$
$3 \times 8 \times 10^{0}=$
$3 \times 8 \times 10^{1}=$
$3 \times 8 \times 10^{2}=$
$3 \times 8 \times 10^{3}=$
$3 \times 8 \times 10^{4}=$

Name: $\qquad$ Date: $\qquad$
Multiply each number by multiples of positive powers of ten.

$$
10 \times 3 \times 10^{0}=30
$$

$$
10 \times 3 \times 10^{1}=300
$$

$$
10 \times 3 \times 10^{2}=3000
$$

$$
10 \times 3 \times 10^{3}=30,000
$$

$$
10 \times 3 \times 10^{4}=300,000
$$

$$
9 \times 4 \times 10^{0}=36
$$

$$
9 \times 4 \times 10^{1}=360
$$

$$
9 \times 4 \times 10^{2}=3600
$$

$$
9 \times 4 \times 10^{3}=36,000
$$

$$
9 \times 4 \times 10^{4}=360,000
$$

$$
8 \times 2 \times 10^{0}=16
$$

$$
8 \times 2 \times 10^{1}=160
$$

$$
8 \times 2 \times 10^{2}=1600
$$

$$
8 \times 2 \times 10^{3}=16,000
$$

$$
8 \times 2 \times 10^{4}=160,000
$$

$$
4 \times 3 \times 10^{0}=12
$$

$$
4 \times 3 \times 10^{1}=120
$$

$$
4 \times 3 \times 10^{2}=1200
$$

$$
4 \times 3 \times 10^{3}=12,000
$$

$$
4 \times 3 \times 10^{4}=120,000
$$

$$
1 \times 9 \times 10^{0}=9
$$

$$
1 \times 9 \times 10^{1}=90
$$

$$
1 \times 9 \times 10^{2}=900
$$

$$
1 \times 9 \times 10^{3}=9000
$$

$$
1 \times 9 \times 10^{4}=90,000
$$

$5 \times 4 \times 10^{0}=20$
$5 \times 4 \times 10^{1}=200$
$5 \times 4 \times 10^{2}=2000$
$5 \times 4 \times 10^{3}=20,000$
$5 \times 4 \times 10^{4}=200,000$
$7 \times 7 \times 10^{0}=49$
$7 \times 7 \times 10^{1}=490$
$7 \times 7 \times 10^{2}=4900$
$7 \times 7 \times 10^{3}=49,000$
$7 \times 7 \times 10^{4}=490,000$
$6 \times 6 \times 10^{0}=36$
$6 \times 6 \times 10^{1}=360$
$6 \times 6 \times 10^{2}=3600$
$6 \times 6 \times 10^{3}=36,000$
$6 \times 6 \times 10^{4}=360,000$
$2 \times 3 \times 10^{0}=6$
$2 \times 3 \times 10^{1}=60$
$2 \times 3 \times 10^{2}=600$
$2 \times 3 \times 10^{3}=6000$
$2 \times 3 \times 10^{4}=60,000$
$3 \times 8 \times 10^{0}=24$
$3 \times 8 \times 10^{1}=240$
$3 \times 8 \times 10^{2}=2400$
$3 \times 8 \times 10^{3}=24,000$
$3 \times 8 \times 10^{4}=240,000$

Name: $\qquad$
Multiply each number by multiples of positive powers of ten.

$$
2 \times 5 \times 10^{0}=
$$

$$
2 \times 5 \times 10^{1}=
$$

$$
2 \times 5 \times 10^{2}=
$$

$$
2 \times 5 \times 10^{3}=
$$

$$
2 \times 5 \times 10^{4}=
$$

$$
6 \times 2 \times 10^{0}=
$$

$$
6 \times 2 \times 10^{1}=
$$

$$
6 \times 2 \times 10^{2}=
$$

$$
6 \times 2 \times 10^{3}=
$$

$$
6 \times 2 \times 10^{4}=
$$

$$
3 \times 7 \times 10^{0}=
$$

$$
3 \times 7 \times 10^{1}=
$$

$$
3 \times 7 \times 10^{2}=
$$

$$
3 \times 7 \times 10^{3}=
$$

$$
3 \times 7 \times 10^{4}=
$$

$$
4 \times 4 \times 10^{0}=
$$

$$
4 \times 4 \times 10^{1}=
$$

$$
4 \times 4 \times 10^{2}=
$$

$$
4 \times 4 \times 10^{3}=
$$

$$
4 \times 4 \times 10^{4}=
$$

$$
7 \times 3 \times 10^{0}=
$$

$$
7 \times 3 \times 10^{1}=
$$

$$
7 \times 3 \times 10^{2}=
$$

$$
7 \times 3 \times 10^{3}=
$$

$$
7 \times 3 \times 10^{4}=
$$

$9 \times 8 \times 10^{0}=$
$9 \times 8 \times 10^{1}=$
$9 \times 8 \times 10^{2}=$
$9 \times 8 \times 10^{3}=$
$9 \times 8 \times 10^{4}=$
$10 \times 5 \times 10^{0}=$
$10 \times 5 \times 10^{1}=$
$10 \times 5 \times 10^{2}=$
$10 \times 5 \times 10^{3}=$
$10 \times 5 \times 10^{4}=$
$5 \times 7 \times 10^{0}=$
$5 \times 7 \times 10^{1}=$
$5 \times 7 \times 10^{2}=$
$5 \times 7 \times 10^{3}=$
$5 \times 7 \times 10^{4}=$
$8 \times 4 \times 10^{0}=$
$8 \times 4 \times 10^{1}=$
$8 \times 4 \times 10^{2}=$
$8 \times 4 \times 10^{3}=$
$8 \times 4 \times 10^{4}=$
$1 \times 8 \times 10^{0}=$
$1 \times 8 \times 10^{1}=$
$1 \times 8 \times 10^{2}=$
$1 \times 8 \times 10^{3}=$
$1 \times 8 \times 10^{4}=$

Name: $\qquad$ Date: $\qquad$
Multiply each number by multiples of positive powers of ten.

| $2 \times 5 \times 10^{0}=10$ | $9 \times 8 \times 10^{0}=72$ |
| :--- | :--- |
| $2 \times 5 \times 10^{1}=100$ | $9 \times 8 \times 10^{1}=720$ |
| $2 \times 5 \times 10^{2}=1000$ | $9 \times 8 \times 10^{2}=7200$ |
| $2 \times 5 \times 10^{3}=10,000$ | $9 \times 8 \times 10^{3}=72,000$ |
| $2 \times 5 \times 10^{4}=100,000$ | $9 \times 8 \times 10^{4}=720,000$ |
|  |  |
| $6 \times 2 \times 10^{0}=12$ | $10 \times 5 \times 10^{0}=50$ |
| $6 \times 2 \times 10^{1}=120$ | $10 \times 5 \times 10^{1}=500$ |
| $6 \times 2 \times 10^{2}=1200$ | $10 \times 5 \times 10^{2}=5000$ |
| $6 \times 2 \times 10^{3}=12,000$ | $10 \times 5 \times 10^{3}=50,000$ |
| $6 \times 2 \times 10^{4}=120,000$ | $10 \times 5 \times 10^{4}=500,000$ |
|  |  |
| $3 \times 7 \times 10^{0}=21$ | $5 \times 7 \times 10^{0}=35$ |
| $3 \times 7 \times 10^{1}=210$ | $5 \times 7 \times 10^{1}=350$ |
| $3 \times 7 \times 10^{2}=2100$ | $5 \times 7 \times 10^{2}=3500$ |
| $3 \times 7 \times 10^{3}=21,000$ | $5 \times 7 \times 10^{3}=35,000$ |
| $3 \times 7 \times 10^{4}=210,000$ | $5 \times 7 \times 10^{4}=350,000$ |
|  |  |
| $4 \times 4 \times 10^{0}=16$ | $8 \times 4 \times 10^{0}=32$ |
| $4 \times 4 \times 10^{1}=160$ | $8 \times 4 \times 10^{1}=320$ |
| $4 \times 4 \times 10^{2}=1600$ | $8 \times 4 \times 10^{2}=3200$ |
| $4 \times 4 \times 10^{3}=16,000$ | $8 \times 4 \times 10^{3}=32,000$ |
| $4 \times 4 \times 10^{4}=160,000$ | $8 \times 4 \times 10^{4}=320,000$ |
| $7 \times 3 \times 10^{0}=21$ |  |
| $7 \times 3 \times 10^{1}=210$ | $1 \times 8 \times 10^{0}=8$ |
| $7 \times 3 \times 10^{2}=2100$ | $1 \times 8 \times 10^{1}=80$ |
| $7 \times 3 \times 10^{3}=21,000$ | $1 \times 8 \times 10^{2}=800$ |
| $7 \times 3 \times 10^{4}=210,000$ | $1 \times 8 \times 10^{3}=8000$ |
| $7 \times 10^{4}=80,000$ |  |

$7 \times 3 \times 10^{4}=210,000$

Name: $\qquad$
Multiply each number by multiples of positive powers of ten.

| $10 \times 7 \times 10^{0}=$ | $2 \times 6 \times 10^{0}=$ |
| :---: | :---: |
| $10 \times 7 \times 10^{1}=$ | $2 \times 6 \times 10^{1}=$ |
| $10 \times 7 \times 10^{2}=$ | $2 \times 6 \times 10^{2}=$ |
| $10 \times 7 \times 10^{3}=$ | $2 \times 6 \times 10^{3}=$ |
| $10 \times 7 \times 10^{4}=$ | $2 \times 6 \times 10^{4}=$ |
| $7 \times 5 \times 10^{0}=$ | $5 \times 3 \times 10^{0}=$ |
| $7 \times 5 \times 10^{1}=$ | $5 \times 3 \times 10^{1}=$ |
| $7 \times 5 \times 10^{2}=$ | $5 \times 3 \times 10^{2}=$ |
| $7 \times 5 \times 10^{3}=$ | $5 \times 3 \times 10^{3}=$ |
| $7 \times 5 \times 10^{4}=$ | $5 \times 3 \times 10^{4}=$ |
| $6 \times 6 \times 10^{0}=$ | $3 \times 5 \times 10^{0}=$ |
| $6 \times 6 \times 10^{1}=$ | $3 \times 5 \times 10^{1}=$ |
| $6 \times 6 \times 10^{2}=$ | $3 \times 5 \times 10^{2}=$ |
| $6 \times 6 \times 10^{3}=$ | $3 \times 5 \times 10^{3}=$ |
| $6 \times 6 \times 10^{4}=$ | $3 \times 5 \times 10^{4}=$ |
| $9 \times 9 \times 10^{0}=$ | $4 \times 8 \times 10^{0}=$ |
| $9 \times 9 \times 10^{1}=$ | $4 \times 8 \times 10^{1}=$ |
| $9 \times 9 \times 10^{2}=$ | $4 \times 8 \times 10^{2}=$ |
| $9 \times 9 \times 10^{3}=$ | $4 \times 8 \times 10^{3}=$ |
| $9 \times 9 \times 10^{4}=$ | $4 \times 8 \times 10^{4}=$ |
| $1 \times 2 \times 10^{0}=$ | $8 \times 4 \times 10^{0}=$ |
| $1 \times 2 \times 10^{1}=$ | $8 \times 4 \times 10^{1}=$ |
| $1 \times 2 \times 10^{2}=$ | $8 \times 4 \times 10^{2}=$ |
| $1 \times 2 \times 10^{3}=$ | $8 \times 4 \times 10^{3}=$ |
| $1 \times 2 \times 10^{4}=$ | $8 \times 4 \times 10^{4}=$ |

Name:
Date: $\qquad$
Multiply each number by multiples of positive powers of ten.

$$
10 \times 7 \times 10^{0}=70
$$

$$
10 \times 7 \times 10^{1}=700
$$

$$
10 \times 7 \times 10^{2}=7000
$$

$$
10 \times 7 \times 10^{3}=70,000
$$

$$
10 \times 7 \times 10^{4}=700,000
$$

$$
7 \times 5 \times 10^{0}=35
$$

$$
7 \times 5 \times 10^{1}=350
$$

$$
7 \times 5 \times 10^{2}=3500
$$

$$
7 \times 5 \times 10^{3}=35,000
$$

$$
7 \times 5 \times 10^{4}=350,000
$$

$$
6 \times 6 \times 10^{0}=36
$$

$$
6 \times 6 \times 10^{1}=360
$$

$$
6 \times 6 \times 10^{2}=3600
$$

$$
6 \times 6 \times 10^{3}=36,000
$$

$$
6 \times 6 \times 10^{4}=360,000
$$

$$
9 \times 9 \times 10^{0}=81
$$

$$
9 \times 9 \times 10^{1}=810
$$

$$
9 \times 9 \times 10^{2}=8100
$$

$$
9 \times 9 \times 10^{3}=81,000
$$

$$
9 \times 9 \times 10^{4}=810,000
$$

$$
1 \times 2 \times 10^{0}=2
$$

$$
1 \times 2 \times 10^{1}=20
$$

$$
1 \times 2 \times 10^{2}=200
$$

$$
1 \times 2 \times 10^{3}=2000
$$

$$
1 \times 2 \times 10^{4}=20,000
$$

$2 \times 6 \times 10^{0}=12$
$2 \times 6 \times 10^{1}=120$
$2 \times 6 \times 10^{2}=1200$
$2 \times 6 \times 10^{3}=12,000$
$2 \times 6 \times 10^{4}=120,000$
$5 \times 3 \times 10^{0}=15$
$5 \times 3 \times 10^{1}=150$
$5 \times 3 \times 10^{2}=1500$
$5 \times 3 \times 10^{3}=15,000$
$5 \times 3 \times 10^{4}=150,000$
$3 \times 5 \times 10^{0}=15$
$3 \times 5 \times 10^{1}=150$
$3 \times 5 \times 10^{2}=1500$
$3 \times 5 \times 10^{3}=15,000$
$3 \times 5 \times 10^{4}=150,000$
$4 \times 8 \times 10^{0}=32$
$4 \times 8 \times 10^{1}=320$
$4 \times 8 \times 10^{2}=3200$
$4 \times 8 \times 10^{3}=32,000$
$4 \times 8 \times 10^{4}=320,000$
$8 \times 4 \times 10^{0}=32$
$8 \times 4 \times 10^{1}=320$
$8 \times 4 \times 10^{2}=3200$
$8 \times 4 \times 10^{3}=32,000$
$8 \times 4 \times 10^{4}=320,000$

