

Name : _____

Multiplying Decimals by Powers of Ten

Pattern: S3

1) $92.03 \times 10 =$ _____

2) $0.28 \times 10 =$ _____

$92.03 \times 100 =$ _____

$0.28 \times 100 =$ _____

$92.03 \times 1,000 =$ _____

$0.28 \times 1,000 =$ _____

3) $7.6 \times 10 =$ _____

$7.6 \times 100 =$ _____

$7.6 \times 1,000 =$ _____

5) $0.05 \times 10 =$ _____

$0.05 \times 100 =$ _____

$0.05 \times 1,000 =$ _____

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7) $8.591 \times 10 =$ _____

8) $1.24 \times 10 =$ _____

$8.591 \times 100 =$ _____

$1.24 \times 100 =$ _____

$8.591 \times 1,000 =$ _____

$1.24 \times 1,000 =$ _____

Name : _____

Multiplying Decimals by Powers of Ten

Pattern: S3

1) $92.03 \times 10 = \underline{\hspace{2cm} 920.3 \hspace{2cm}}$

2) $0.28 \times 10 = \underline{\hspace{2cm} 2.8 \hspace{2cm}}$

$92.03 \times 100 = \underline{\hspace{2cm} 9,203 \hspace{2cm}}$

$0.28 \times 100 = \underline{\hspace{2cm} 28 \hspace{2cm}}$

$92.03 \times 1,000 = \underline{\hspace{2cm} 92,030 \hspace{2cm}}$

$0.28 \times 1,000 = \underline{\hspace{2cm} 280 \hspace{2cm}}$

3) $7.6 \times 10 =$

$7.6 \times 100 =$

$7.6 \times 1,000 =$

5) $0.05 \times 10 =$

$0.05 \times 100 =$

$0.05 \times 1,000 =$

7) $8.591 \times 10 = \underline{\hspace{2cm} 85.91 \hspace{2cm}}$

$8.591 \times 100 = \underline{\hspace{2cm} 859.1 \hspace{2cm}}$

$8.591 \times 1,000 = \underline{\hspace{2cm} 8,591 \hspace{2cm}}$

$= \underline{\hspace{2cm} 43.9 \hspace{2cm}}$

$= \underline{\hspace{2cm} 439 \hspace{2cm}}$

$= \underline{\hspace{2cm} 4,390 \hspace{2cm}}$

$= \underline{\hspace{2cm} 5,176 \hspace{2cm}}$

$= \underline{\hspace{2cm} 51,760 \hspace{2cm}}$

$= \underline{\hspace{2cm} 517,600 \hspace{2cm}}$

8) $1.24 \times 10 = \underline{\hspace{2cm} 12.4 \hspace{2cm}}$

$1.24 \times 100 = \underline{\hspace{2cm} 124 \hspace{2cm}}$

$1.24 \times 1,000 = \underline{\hspace{2cm} 1,240 \hspace{2cm}}$

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