

# Multiplying Decimals

A) Find the product without multiplying the factors.

1) If  $7,013 \times 8 = 56,104$ , then

a)  $70.13 \times 0.08 =$  \_\_\_\_\_

b)  $701.3 \times 0.8 =$  \_\_\_\_\_

2) If  $18 \times 4 = 72$ , then

a)  $1.8 \times$  \_\_\_\_\_

b)  $0.18 \times$  \_\_\_\_\_

B) Find the missing factor

1) If  $36 \times 92 =$  \_\_\_\_\_

a) \_\_\_\_\_

b)  $3.6$

2) If  $6 \times 83 =$  \_\_\_\_\_

a)  $0.6$

b) \_\_\_\_\_  $\times 0.83 = 0.0498$

## PREVIEW

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C) Insert the decimal point at the right place in the given product.

1)  $217.5 \times 1.3 = 2\ 8\ 2\ 7\ 5$

2)  $5.6 \times 0.07 = 0\ 3\ 9\ 2$

**Multiplying Decimals**

A) Find the product without multiplying the factors.

1) If  $7,013 \times 8 = 56,104$ , then

a)  $70.13 \times 0.08 = \underline{\hspace{2cm} \mathbf{5.6104} \hspace{2cm}}$

b)  $701.3 \times 0.8 = \underline{\hspace{2cm} \mathbf{561.04} \hspace{2cm}}$

2) If  $18 \times 4 = 72$ , then

a)  $1.8 \times$

b)  $0.18 \times$

B) Find the missing factor

1) If  $36 \times 92$

a)  $\underline{\hspace{1cm} \mathbf{0.36} \hspace{1cm}}$

b)  $3.6$

2) If  $6 \times 83$

a)  $0.6$

b)  $\underline{\hspace{1cm} \mathbf{0.06} \hspace{1cm}} \times 0.83 = 0.0498$

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C) Insert the decimal point at the right place in the given product.

1)  $217.5 \times 1.3 = 282.75$

2)  $5.6 \times 0.07 = 0.392$