

Where's the Point?

Example

Multiply.

$$0.09 \times 0.07$$

$$\begin{array}{r} 0.07 \leftarrow 2 \text{ decimal places} \\ \times 0.09 \leftarrow 2 \text{ decimal places} \\ \hline 0.0063 \leftarrow 4 \text{ decimal places} \end{array}$$

↑ Write two zeros to the left of the 6.
Then place the decimal point.

So, $0.09 \times 0.07 = \mathbf{0.0063}$.

Multiply.

● $\begin{array}{r} 0.08 \\ \times 0.06 \\ \hline \end{array}$

● $\begin{array}{r} 0.3 \\ \times 0.04 \\ \hline \end{array}$

● $\begin{array}{r} 0.09 \\ \times 0.03 \\ \hline \end{array}$

● $\begin{array}{r} 0.16 \\ \times 0.04 \\ \hline \end{array}$

● 0.04×0.03

● 0.06×0.06

● 0.08×0.08

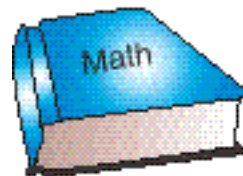
● 0.04×0.9

● 0.06×0.8

● 0.9×0.03

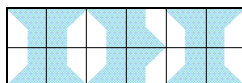
● What is the product when 0.09 is multiplied by 0.06?

● A math book is 0.05 m thick. A social studies book is half, or 0.5, as thick. What is the thickness of the social studies book in meters?



Answer Box

A 0.0027	B 0.048	C 0.064	D 0.027	E 0.0036	F 0.012
G 0.0012	H 0.0054	I 0.0064	J 0.0048	K 0.025	L 0.036



Objective: Find the product of two decimals by inserting zeros in a product to place the decimal point.