# To Find the Product of a Decimal by a Decimal

### A. Choose the correct answer:

1. What is the product of 0.6 × 0.2?

	a) 0.12	b) 0.08
	c) 0.10	d) 0.06
2.	Which of the following equals $0.3 \times 0.4$ ?	
	a) 0.07	b) 0.12
	c) 0.14	d) 0.16
3.	Multiply: 0.25 × 0.2	
	a) 0.05	b) 0.025
	c) 0.5	d) 0.20
4.	0.1 × 0.01 is	
	a) 0.001	b) 0.0001
	c) 0.01	d) 0.11
5.	0.5 × 0.5 equals	

a) 0.50 b) 0.25 c) 0.75 d) 1.25

### **B.** Write the Missing Terms to Complete the Sentences:

- 1. 0.7 × 0.1 = \_\_\_\_\_
- 2. 0.2 × 0.2 = \_\_\_\_\_
- 3. 0.05 × 0.05 = \_\_\_\_\_
- 4. The product of two decimals is found by ignoring the \_\_\_\_\_ at first.
- 5. After multiplying, we count the total number of \_\_\_\_\_\_ in the product.

## C. Mark each sentence with a True ( ✔) or False (X):

- 1. 0.2 × 0.2 = 0.04
- 2. 0.6 × 0.3 = 0.18
- 3. Multiplying a decimal by a decimal gives a larger number

- 4. 0.01 × 0.01 = 0.001
- 5. 0.4 × 0.4 = 0.16

### **D.** Figure out the answers to these questions:

- 1. Multiply 0.35 by 0.2.
- 2. Multiply  $0.06 \times 0.4$  and write the product.
- 3. Find the product of 0.03 and 0.5.
- 4. A piece of cloth is 0.75 m wide and 0.4 m long. Find its area.
- 5. Find the value of  $0.09 \times 0.09$  and write your answer in decimal.

### E. Challenge yourself with these questions:

- 1. Multiply  $0.7 \times 0.05$  and explain your steps.
- 2. A bottle has 0.8 L of milk. Find how much milk is in 0.25 such bottles.
- 3. A packet weighs 0.6 kg. What is the weight of 0.2 packets?
- 4. Find the area of a rectangle that is 0.9 m long and 0.3 m wide.
- 5. Multiply:  $0.04 \times 0.6$  and write your answer in decimal.