

Multiplication of Decimals

A. Choose the correct answer:

1. What is the result of 0.5×4 ?

- a) 2.0
- b) 0.2
- c) 1.5
- d) 4.5

2. 0.2×0.3 equals

- a) 0.06
- b) 0.6
- c) 0.003
- d) 0.09

3. Which of the following is correct?

- a) $1.2 \times 3 = 3.2$
- b) $0.5 \times 2 = 1.0$
- c) $2.1 \times 2 = 4.0$
- d) $0.1 \times 10 = 0.01$

4. Multiply: 3.5×2

- a) 6.5
- b) 5.5
- c) 7.0
- d) 7.5

5. 1.25×2 equals

- a) 2.25
- b) 2.50
- c) 2.75
- d) 3.00

B. Write the Missing Terms to Complete the Sentences:

1. $0.1 \times 0.1 =$ _____

2. $2.5 \times 4 =$ _____

3. When multiplying a decimal by 10, the decimal point moves _____ place(s) to the right

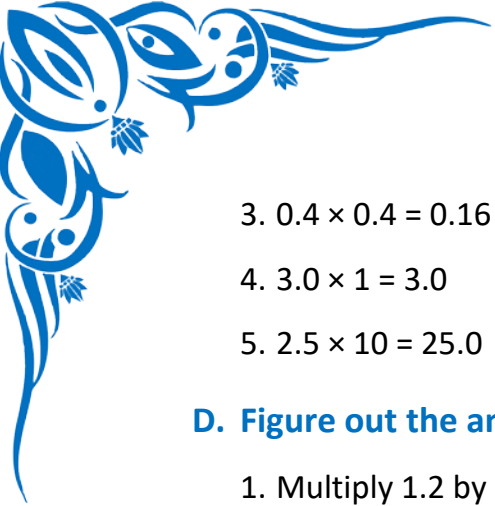
4. $0.25 \times 2 =$ _____

5. $0.05 \times 100 =$ _____

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

1. $0.2 \times 5 = 1$ _____

2. Multiplying by a decimal always gives a bigger number _____



3. $0.4 \times 0.4 = 0.16$ _____

4. $3.0 \times 1 = 3.0$ _____

5. $2.5 \times 10 = 25.0$ _____

D. Figure out the answers to these questions:

1. Multiply 1.2 by 3
2. Find the product of 0.6 and 0.4
3. Multiply 2.35 by 2 and write your answer in decimal form
4. Multiply 0.07 by 10 and explain the place value change
5. Find the product of 5.5 and 1.1

E. Challenge yourself with these questions:

1. A bottle contains 1.25 L of juice. How much juice is in 4 such bottles?
2. Find the cost of 3 pencils if one pencil costs ₹2.75
3. Multiply and write in decimal form: 6.2×5
4. A bag weighs 2.4 kg. What is the total weight of 3 such bags?
5. Find the product: 0.09×100