

## Division of a decimal by 10, 100, 1000, .....

### A. Choose the correct answer:

1. What is  $4.5 \div 10$ ?

- a) 45
- b) 0.45
- c) 0.045
- d) 4.05

2.  $7.2 \div 100$  equals

- a) 0.072
- b) 0.72
- c) 7.02
- d) 0.0072

3.  $5.0 \div 1000$  is

- a) 0.005
- b) 0.05
- c) 0.5
- d) 5.0

4.  $0.8 \div 10$  gives

- a) 8
- b) 0.08
- c) 0.8
- d) 0.008

5. When 3.6 is divided by 100, the result is

- a) 3.6
- b) 36
- c) 0.36
- d) 0.036

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

1.  $1.2 \div 10 =$  \_\_\_\_\_

2.  $0.75 \div 100 =$  \_\_\_\_\_

3.  $6.0 \div 1000 =$  \_\_\_\_\_

4.  $9.9 \div 10 =$  \_\_\_\_\_

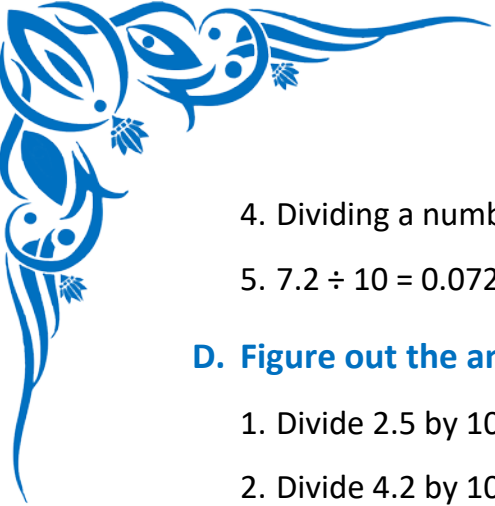
5. When dividing by 10, we move the decimal one place to the \_\_\_\_\_

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

1.  $0.5 \div 10 = 0.05$  \_\_\_\_\_

2.  $4.0 \div 100 = 0.004$  \_\_\_\_\_

3.  $3.6 \div 100 = 0.036$  \_\_\_\_\_



4. Dividing a number by 10 moves the decimal point to the left \_\_\_\_\_

5.  $7.2 \div 10 = 0.072$  \_\_\_\_\_

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

1. Divide 2.5 by 10 and write the result.
2. Divide 4.2 by 100 and explain the movement of the decimal.
3. What is the result when 7.35 is divided by 1000?
4. Divide the following: a)  $5.0 \div 10$  b)  $5.0 \div 100$  c)  $5.0 \div 1000$ .
5. Find the quotient of  $0.9 \div 10$  and  $0.9 \div 100$ .

**E. Challenge yourself with these questions:**

1. A pipe is 12.5 m long. What is its length in km if divided by 1000?
2. A bottle contains 1.25 L of water. What is its value in deciliters when divided by 10?
3. Divide ₹9.60 equally among 100 children. How much will each child get?
4. A rod is 1000 cm long. What is its length in meters when divided by 100?
5. Find the result of dividing 0.004 by 10 and explain your steps.