

# Place Value

## EXERCISE 4(A)

### Question 1.

Fill in the blanks :

- (i) In 20 kg, the unit is ....., which is taken.....times.
- (ii) In 80 m, the unit is ....., which is taken..... times.
- (iii) If a unit cm (centimetre) is taken 5 times, the corresponding quantity is .....
- (iv) If a unit km (kilometre) is taken 24 times, the corresponding quantity is .....
- (v)

Number	Numeral	Numeration
53	.....	.....
.....	9	.....
240	.....	.....

**Solution:**

- (i) In 20 kg, the unit is **kg**, which is taken **20** times.
- (ii) In 80 m, the unit is **m**, which is taken **80** times.
- (iii) If a unit cm (centi metre) is taken 5 times, the corresponding quantity is **5 cm**.
- (iv) If a unit km (kilo metre) is taken 24 times, the corresponding quantity is **24 km**.
- (v)

Number	Numeral	Numeration
53	53	fifty three
9	9	Nine
240	240	two hundred forty

### Question 2.

Fill in the blanks :

- (i) In 24,673 ; the place value of 6 is .....
- (ii) In 8,039 ; the place value of 8 is .....
- (iii) In 3,25,648; the local value of 5 is .....
- (iv) In 6,439 ; the local value of 6 is .....

**Solution:**

- (i) In 24,673 ; the place value of 6 is **6 x 100 = 600**.
- (ii) In 8, 039 ; the place value of 8 is **8 x 1000 = 8000**.
- (iii) In 3, 25, 648 ; the local value of 5 is **5 x 1000 = 5000**.
- (iv) In 6, 439 ; the local value of 6 is **6 x 1000 = 6000**.

### Question 3.

Find the difference between the place values of 3 and 5 in the number 3945.

**Solution:**

Place values of 3 in 3945 is 3000 and 5 is 5  
Difference between them = 3000 - 5 = 2995

**Question 4.**

In the number 40562

(i) the local value of 5 = .....

(ii) the place value of 6 = .....

(iii) the sum of the place value of 5 and the place value of 6 = .....

**Solution:**

(i) the local value of 5 = 500 and its local value is 5.

(ii) the place value of 6 = 60

(iii) the sum of the place value of 5 and the place value of 6 =  $500 + 60 = 560$

**Question 5.**

Read and write the following numbers in words and also in expanded form :

(i) 35,000 = .....

(ii) 76,000 = .....

(iii) 6,23,000 = .....

(iv) 40,075 = .....

(v) 50,004 = .....

**Solution:**

(i) 35,000 = Thirty five thousands =  $3 \times 10000 + 5 \times 1000$

(ii) 76,000 = Seventy six thousands =  $7 \times 10000 + 6 \times 1000$

(iii) 6,23,000 = Six lakhs twenty three thousands =  $6 \times 100000 + 23 \times 1000$

(iv) 40,075 = Forty thousands seventy five =  $4 \times 10000 + 75 \times 10 + 5$

(v) 50,004 = Fifty thousands four =  $5 \times 10000 + 4$

**Question 6.**

Find the difference in the place values of two sevens in the number 8, 72, 574.

**Solution:**

In 8,72,574, the first 7 occurs at ten thousand place.

=> Its place value = 70000

=> The second 7 occurs at ten's place.

Its place value = 70

The difference of the two place values of 7 =  $70000 - 70 = 69930$