SESSION	**: 7**
CLASS	**: IV**
SUBJECT	**: MATHEMATICS**
CHAPTER NUMBER	**: 2**
CHAPTER NAME	**: NUMBERS**
SUBTOPIC	**: PLACE VALUE AND FACE VALUE, EXERCISE-2(B) Q.NO. 1 & 2**

LEARNING OBJECTIVE

- Enable the students to understand the place value and face value of digits of numbers.

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Place Value And Face Value

Face value of a digit is the digit itself. It does not depend on the position of digits.

Place value of a digit is obtained by multiplying its face value by the value of the place in which the digit is kept.

Place Value And Face Value

Example - 1

Write the face value and place value of all the digits in the number 648203.

Solution

L	TTh	Th	H	T	O
6	4	8	2	0	3

DIGIT	FACE VALUE	PLACE VALUE
6	6	6 × 1,00,000 = 6,00,000
4	4	4 × 10,000 = 40,000
8	8	8 × 1,000 = 8,000
2	2	2 × 100 = 200
0	0	0 × 10 = 0
3	3	3 × 1 = 3

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Place Value And Face Value

Example - 2

Write the face value and the place value of the digit 7 in the given numbers.

(a) 75,36,122 (b) 47,00,645 (c) 93,07,023

Solution

(a) 75,36,122

Face value = 7

Place value = 7 × 10,00,000

= 70,00,000

(b) 47,00,645

Face value = 7

Place value = 7 × 1,00,000

= 7,00,000

(c) 93,07,023

Face value = 7

Place value = 7 × 1,000

= 7,000

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Place Value And Face Value

Exercise – 2(B)

1. Write the face value of 2 in the following numbers.

(a) 43,256 **(b) 2,48,076** **(c) 6,25,407**

Solution

(a) 43,256

Face value = 2

(b) 2,48,076

Face value = 2

(c) 6,25,407

Face value = 2

Place Value And Face Value

Exercise – 2(B)

2. Write the place value of the underlined digits in each case.

Solution

Number	Place Value
(a) 5<u>4</u>,780	4 × 1,000 = 4,000
(b) 2,<u>3</u>9,463	3 × 10,000 = 30,000
(c) 3,75,<u>8</u>61	8 × 100 = 800
(d) 6,72,<u>8</u>31	8 × 100 = 800
(e) <u>9</u>,86,357	9 × 1,00,000 = 9,00,000

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Place Value And Face Value

Exercise – 2(B)

2. Write the place value of the underlined digits in each case.

Solution

Number	Place Value
(f) 32,5<u>8</u>1	8 × 10 = 80
(g) 7,1<u>0</u>,392	0 × 1,000 = 0
(h) 54,13<u>7</u>	7 × 1 = 7
(i) 1,37,58<u>0</u>	0 × 1 = 0
(j) 7<u>5</u>,261	5 × 1,000 = 5,000

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LEARNING OUTCOME:

Students are able to know about the place value and face value of digits of numbers.

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THANKING YOU

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