

$$(b) 90,00,00,000 + 5,00,00,000 + 60,00,000 + 1,00,000 + 90,000 + 7,000 + 0 + 50 + 3$$

95,61,97,053

Solution:

EXAMPLE 5

Give the period and place value of the underlined digits of the following numbers :

(a) 3,29,40,783

(b) 26,25,71,816

(c) 8,16,65,563

(d) 32,05,52,265

Solution:

Number	Period	Place Value
(a) 3,2 <u>9</u> ,40,783	Lakhs	9 is in the lakh's place. $9 \times 1 \text{ lakh} = 9,00,000$
(b) <u>26</u> ,25,71,816	Crores	6 is in the crore's place. $6 \times 1 \text{ crore} = 6,00,00,000$
(c) 8, <u>16</u> ,65,563	Lakhs	1 is in the ten lakh's place. $1 \times 10 \text{ lakh} = 10,00,000$
(d) <u>32</u> ,05,52,265	Crores	3 is in the ten crore's place. $3 \times 10 \text{ crores} = 30,00,00,000$

EXERCISE 2(A)

1 Write the number name for each of the following :

- (a) 1,21,43,654 *One crore twenty one lakh, forty three thousand six hundred fifty four.*
- (b) 21,09,54,378 *Twenty one crore nine lakh fifty four thousand three hundred seventy eight*
- (c) 38,69,56,024 *Thirty eight crore sixty nine lakh fifty six thousand twenty four*
- (d) 80,50,50,550 *Eighty crore fifty lakh fifty thousand five hundred fifty*

2 Write the numeral for each of the following (either give space or put a comma at the proper place) :

(a) Eight crore seventy lakh fifty thousand six hundred eighty.

8,70,50,680

(b) Four crore nine lakh twenty four thousand four hundred ninety six.

4,09,24,496

(c) Ten crore twelve lakh thirty six thousand two hundred twenty five.

10,12,36,225

(d) Sixty six thousand seven hundred eight. 66,708

(e) Eighty crore seventy five thousand. 80,00,75,000

3 Give the expanded form of the following numbers :

(a) 1,28,14,601 $100\,00000 + 20\,00000 + 800\,000 + 10000 + 4000$
 $+ 600 + 0 + 1$

(b) 16,22,81,946 $1000\,00000 + 600\,00000 + 2000\,000 +$
 $200000 + 80000 + 1000 + 900 + 40 + 6$

(c) 24,16,56,782 $20,00,00,000 + 4,00,00,000 + 10,00,000 +$
 $6,00,000 + 50,000 + 6000 + 700 + 80 + 2$

(d) 18,68,18,127 $10,00,00,000 + 8,00,00,000 + 60,00,000 +$
 $8,00,000 + 10,000 + 8,000 + 100 + 20 + 7$

(e) 32,05,20,600 $30,00,00,000 + 2,00,00,000 + 0 + 5,00,000 +$
 $20,000 + 0 + 600 + 0$

4 Give the compact form of the following :

(a) $20,00,00,000 + 6,00,00,000 + 80,00,000 + 4,00,000 + 20,000 + 7,000 + 300 + 50 + 6$

26,84,27,356

(b) $30,00,00,000 + 8,00,00,000 + 40,00,000 + 6,00,000 + 40,000 + 2,000 + 300 + 40 + 6$

38,46,42,346

(c) $50,00,00,000 + 7,00,00,000 + 50,00,000 + 6,00,000 + 80,000 + 3,000 + 100 + 90 + 2$

57,56,83,192

(d) $80,00,00,000 + 5,00,00,000 + 20,00,000 + 0 + 20,000 + 5,000 + 500 + 50 + 5$

85,20,25,555

(e) $60,00,00,000 + 0 + 80,00,000 + 1,00,000 + 40,000 + 0 + 0 + 80 + 1$
60,81,40,0081

5 Write the period of the digit underlined in each of the following :

- (a) 18,76,12,684 lakh (b) 8,14,25,482 crore
 (c) 6,46,84,754 thousand (d) 16,84,35,135 crore

6 Write the place value of the underlined digit in each of the following :

- (a) 58,08,46,763 8,00,000 (b) 8,14,25,482 5,000
 (c) 96,19,68,407 90,00,00,000 (d) 6,23,45,679 20,00,000

7 Write the period and place value of the underlined digits in the following :

	Period	Place Value
(a) 36, <u>7</u> 0,59,963	<u>crore</u>	<u>6,00,00,000</u>
(b) <u>6</u> 5,19,42,480	<u>crore</u>	<u>60,00,00,000</u>
(c) 17,42,1 <u>8</u> ,168	<u>thousand</u>	<u>8,000</u>
(d) 29,57,62, <u>7</u> 74	<u>hundred</u>	<u>700</u>
(e) 2, <u>4</u> 3,28,309	<u>lakh</u>	<u>40,00,000</u>

8 Find the difference between the place value of :

- (a) the two 4s in 7,48,65,421 $40,00,000 - 400 = 39,99,600$
 (b) the two 8s in 18,36,84,792 $8,00,00,000 - 80,000 = 7,99,20,000$
 (c) the two 5s in 56,25,70,083 $50,00,00,000 - 5,00,000 = 49,95,00,000$
 (d) the two 2s in 16,29,15,245 $20,00,000 - 200 = 19,99,800$
 (e) the two 6s in 61,42,69,104 $60,00,00,000 - 60,000 = 59,99,40,000$

9 Arrange the following in ascending and descending order :

- (a) 23,16,348 ; 8,62,16,438 ; 8,26,99,678 ; 45,42,18,089

Ascending: 23,16,348 ; 8,26,99,678 ; 8,62,16,438 ; 45,42,18,089
 Descending 45,42,18,089 ; 8,62,16,438 ; 8,26,99,678 ; 23,16,348

(b) 3,48,616 ; 95,949 ; 24,26,16,800 ; 88,95,919

Ascending 95,949 ; 3,48,616 ; 88,95,919 ; 24,26,16,800

Descending 24,26,16,800 ; 88,95,919 ; 3,48,616 ; 95,949

(c) 64,00,18,926 ; 9,90,909 ; 1,42,65,814 ; 66,25,576

Ascending 9,90,909 ; 66,25,576 ; 1,42,65,814 ; 64,00,18,926

Descending 64,00,18,926 ; 1,42,65,814 ; 66,25,576 ; 9,90,909

(d) 5,41,10,105 ; 10,10,10,104 ; 92,85,368 ; 9,94,248

Ascending 9,94,248 ; 92,85,368 ; 5,41,10,105 ; 10,10,10,104

Descending 10,10,10,104 ; 5,41,10,105 ; 92,85,368 ; 9,94,248

(e) 68,59,795 ; 1,16,04,616 ; 1,61,04,661 ; 2,18,68,714

Ascending 68,59,795 ; 1,16,04,616 ; 1,61,04,661 ; 2,18,68,714

Descending 2,18,68,714 ; 1,61,04,661 ; 1,16,04,616 ; 68,59,795

10 Write the smallest and the largest number using each digit only once:

	The smallest Number	The largest Number
(a) 3, 4, 5, 6, 9, 8, 1	13,45,689	98,65,431
(b) 3, 5, 7, 9, 2, 4, 6, 8	2,34,56,789	987,65,432
(c) 1, 2, 3, 0, 4, 5, 6, 7	10,23,45,67	765,43,210
(d) 0, 9, 8, 6, 5, 4, 7, 2	20,45,67,89	987,65,420
(e) 3, 5, 7, 9, 2, 0, 4, 8	20,34,57,89	987,54,320

11 Which is the largest :

(a) 5 digit number 99,999

(b) 6 digit number 999,999

(c) 7 digit number 999,999

(d) 8 digit number 9,999,999

12 Which is the smallest:

(a) 5 digit number 10,000

(b) 6 digit number 1,00,000

(c) 7 digit number 1,00,000

(d) 8 digit number 1,00,00,000