

Exercise 2(L)

Write each number in expanded notation.

1 $17814 = 1$ ten thousand 7 thousands 8 hundreds 1 ten 4 ones

2 $24836 = 2$ ten thousands 4 thousands 8 hundreds 3 tens 6 ones

3 $37942 = 3$ ten thousands 7 thousands 9 hundreds 4 tens 2 ones

4 $72043 = 7$ ten thousands 2 thousands 0 hundreds 4 tens 3 ones

5 $92128 = 9$ ten thousands 2 thousands 1 hundred 2 tens 8 ones

6 $57907 = 5$ ten thousands 7 thousands 9 hundreds 0 tens 7 ones

7 $82629 = 8$ ten thousands 2 thousands 6 hundreds 2 tens 9 ones

Write the expanded form of each of the following :

1 $58924 = 50000 + 8000 + 900 + 20 + 4$

2 $89075 = 80000 + 9000 + 0 + 70 + 5$

3 $71007 = 70000 + 1000 + 0 + 0 + 7$

4 $95570 = 90000 + 5000 + 500 + 70 + 0$

5 $62665 = 60000 + 2000 + 600 + 60 + 5$

Compact Form

Example

Express $20000 + 7000 + 400 + 90 + 1$ in compact form (short form).

Answer : $20000 + 7000 + 400 + 90 + 1 = 27491$

Exercise 2(N)

Express in compact form.

1 $10000 + 7000 + 500 + 0 + 4 = 17504$

2 $40000 + 0 + 700 + 80 + 6 = 40786$

3 $60000 + 1000 + 100 + 10 + 1 = 61111$

4 $10000 + 4000 + 0 + 0 + 4 = 14004$

5 $90000 + 7000 + 500 + 60 + 6 = 97566$

Place Value

Example

Write the place value of 3 in 35451.

3 is in the ten thousands' place, so the place value of 3 = 30000.

Exercise 2(O)

1. Write the place value of the coloured digits.

Number	Place Value	Number	Place Value
(a) 47878	<u>40000</u>	(b) 28743	<u>700</u>
(c) 58791	<u>8000</u>	(d) 60847	<u>800</u>
(e) 78918	<u>70000</u>	(f) 82040	<u>40</u>
(g) 60942	<u>0000</u>	(h) 91919	<u>90000</u>

2. (a) Write the place value of digit 5 in the following numbers.

(i) 58418	(ii) 68715	(iii) 71581	(iv) 65402	(v) 21650
<u>50000</u>	<u>5</u>	<u>500</u>	<u>5000</u>	<u>50</u>

(b) Write the place value of digit 9 in the following numbers.

(i) 49718	(ii) 63092	(iii) 39415	(iv) 92166	(v) 84917
<u>9000</u>	<u>90</u>	<u>9000</u>	<u>90000</u>	<u>900</u>

(c) Write the place value of digit 7 in the following numbers.

(i) 718	(ii) 78214	(iii) 67118	(iv) 24017	(v) 38478
<u>700</u>	<u>70000</u>	<u>7000</u>	<u>7</u>	<u>70</u>