PRACTICE SET 4 [PAGE 15]

Practice Set 4 | Q 1 | Page 15

Classify the following numbers as positive numbers and negative numbers. -5, +4, -2, 7, +26, -49, -37, 19, -25, +8, 5, -4, -12, 27

SOLUTION

The negative numbers are -5, -2, -49, -37, -25, -4, -12 The positive numbers are +4, 7, +26, 19, +8, 5, 27

Practice Set 4 | Q 2 | Page 15

Given below are the temperatures in some cities. Write to them using the proper signs.

Place	Shimla	Leh	Delhi	Nagpur
Temperature	7°C above	12°C above	22°C above	31°C above
	0°	0°	0°	0°

SOLUTION

The temperature of Shimla is -7 °C. The temperature of Leh is -12 °C. The temperature of Delhi is +22 °C. The temperature of Nagpur is +31 °C.

Practice Set 4 | Q 3.1 | Page 15

Write the number in the following example using the proper signs. A submarine is at a depth of 512 metres below sea level.

SOLUTION

–512 m

Practice Set 4 | Q 3.2 | Page 15

Write the number in the following example using the proper signs. The height of Mt Everest, the highest peak in the Himalayas, is 8848 metres.

SOLUTION

8848 m

Practice Set 4 | Q 3.3 | Page 15 Write the number in the following example using the proper signs. A kite is flying at a distance of 120 metres from the ground.

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SOLUTION

120 m

Practice Set 4 | Q 3.4 | Page 15 Write the number in the following example using the proper signs. The tunnel is at a depth of 2 metres under the ground.

SOLUTION

-2 m

PRACTICE SET 5 [PAGE 18]

Practice Set 5 | Q 1.1 | Page 18

Add: 8 + 6

SOLUTION

8 + 6 = 14

Practice Set 5 | Q 1.2 | Page 18 Add: 9 + (-3)

SOLUTION

9 + (-3) = 9 - 3 = 6

Practice Set 5 | Q 1.3 | Page 18 Add: 5 + (-6)

SOLUTION

5 + (-6) = 5 - 6 = -1

Practice Set 5 | Q 1.4 | Page 18 Add: -7 + 2

SOLUTION

-7 + 2 = -5

Practice Set 5 | Q 1.5 | Page 18 Add: -8 + 0

SOLUTION

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-7 + 2 = -5

Practice Set 5 | Q 1.6 | Page 18 Add: -5 + (-2)

SOLUTION

-5 + (-2) = -5 - 2 = -7

Practice Set 5 | Q 2 | Page 18

Complete the table given below.

+	8	4	-3	-5
-2	-2 + 8 = +16			
6				
0				
-4				

SOLUTION

+	8	4	-3	-5
-2	-2 + 8 = +6	-2 + 4 = +2	-2 - 3 = -5	-2-5=-7
6	6 + 8 = 14	6 + 4 = 10	6 – 3 = 3	6 – 5 = 1
0	0 + 8 = 8	0 + 4 = 4	0 - 3 = -3	0 - 5 = -5
-4	-4 + 8 = 4	-4 + 4 = 0	-4 - 3 = -7	-4 - 5 = -9

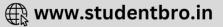
PRACTICE SET 6 [PAGE 19]

Practice Set 6 | Q 1 | Page 19

Write the opposite number of each of the numbers given below.

Number	47	+ 52	- 33	- 84	- 21	+ 16	- 26	80
Opposite number								





SOLUTION

Number	47	+ 52	- 33	- 84	- 21	+ 16	- 26	80
Opposite number	- 47	- 52	+ 33	+ 84	+ 21	-16	+ 26	- 8

PRACTICE SET 7 [PAGE 19]

Practice Set 7 | Q 1 | Page 19

Write the proper sings >, < or = in the boxes below.

(1) -4 5	(2) 810	(3) +9 +9	(4) - 6 0
(5) 7 4	(6) 3 0	(7) –7 7	(8) –12 5
(9) -2 8	(10) –1 –2	(11) 63	(12) –14 –14

SOLUTION

(1) -4 < 5	(2) 8 > -10	(3) +9 = +9	(4) -6 < 0
(5) 7 > 4	(6) 3 > 0	(7) -7 < 7	(8) -12 < 5
(9) -2 > -8	(10) -1 > -2	(11) 6 > -3	(12) -14 = -14

PRACTICE SET 8 [PAGE 20]

Practice Set 8 | Q 1 | Page 20

Subtract the numbers in the top row from the numbers in the first column and write the proper number in each empty box.

_	6	9	-4	-5	0	+7	-8	-3
3	3 - 6 = -3							
8				8 - (-5) = 13				
-3								
-2								



SOLUTION

-	6	9	-4	-5	0	+7	-8	-3
3	3 - 6 = - 3	3 – 9 = – 6	3 + 4 = 7	3 + 5 = 8	3 – 0 = 3	3 – 7 = –4	3 + 8 = 11	3 + 3 = 6
8	8 - 6 = 2	8 – 9 = – 1	8 + 4 = 12	8 – (– 5) = 13	8 - 0 = 8	8 – 7 = 1	8 + 8 = 16	8 + 3 = 11
- 3	-3 - 6 = -9	-3 - 9 = -12	-3 + 4 = 1	-3 + 5 = 2	-3 - 0 = -3	-3 - 7 = - 10	-3 + 8 = 5	-3 + 3 = 0
- 2	-2 - 6 = -8	-2 - 9 = -11	-2+4 =2	-2 + 5 = 3	-2 - 0 = -2	-2 - 7 = - 9	-2 + 8 = 6	-2 + 3 = 1

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