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Q1 What is the value of $(-23) - [(-25) - \{(-17) - (-19)\}]$

(a)38   (b)24   (c) −14   (d) −34

Q2 What should be subtracted from −1963 to obtain −9512?

(a) −11475   (b) −7549   (c)7549   (d)11475

Q3 What is the missing value in the expression

$\{(-267) - (-276) - 15 = \square + (-2) + (-1)\}$?

(a) −18   (b) −3   (c)3   (d)8

Q4 What is the additive inverse of the result obtained by subtraction of −8 from the additive inverse of −13?

(a) −21   (b) −5   (c)5   (d)21

Q5 The temperature of a city is 2^0C.Next day the temperature falls by 5^0C.What is the temperature of the city the next day?

(a) -5^0 C   (b) -3^0 C   (c) 4^0 C   (d) 7^0 C

Q6 What is the sum of the additive inverses of −29 and 61?

(a) −90   (b) −32   (c)90   (d)32

Q7 On a particular day, the temperature of four places P,Q,R,S are recorded at noon and midnight of the day

Place	Temp(^{0}C)at noon	Temp(^{0}C)at midnight
P	−2	−5
Q	−6	−14
R	0	−4
S	14	−2

At which place is the decrease in temperature the maximum?

(a)P   (b)Q   (c)R   (d)S

Q8 The temperature of a city was found to be 3^0C on a particular day .Next day the temperature was found to be -4^0C .What is the change in the temperature of the city over the two days?

(a)Decrease by 7^0C   (b)Decrease by 1^0C

(c) Increase by 7^0C   (d) Increase by 1^0C

Q9 What is the difference between greatest two-digit positive number and smallest three-digit negative number?

(a) 199   (b)110   (c)1100   (d)1098

Q10 What is the value of the expression,

$(-216) - (-351) + (-98) - (71) + (28) - (-56)$?

(a) -50 (b)15   (c) -15 (d)50

Q11 The temperature in New York city on two consecutive days were 1^0C and -6^0C.What is the decrease in the temperature of New York city in two days?

(a) -7^0C   (b) 7^0C   (c) 5^0C   (d) -5^0C