



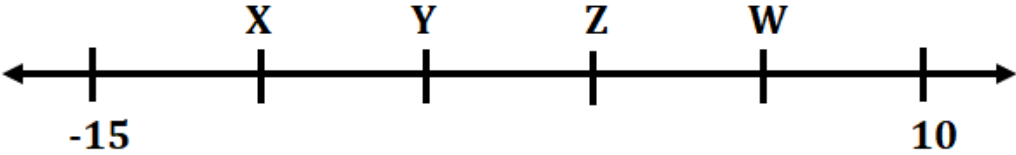
INDIAN SCHOOL AL WADI AL KABIR

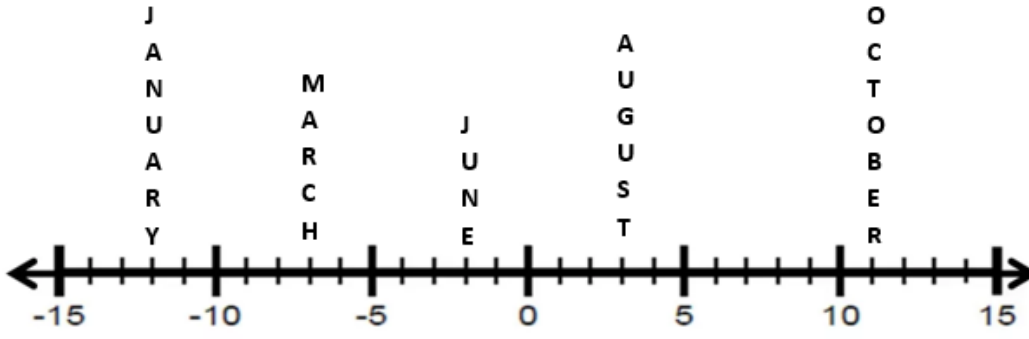
Class VII, Mathematics *Worksheet- Integers*

23-07-20

OBJECTIVE TYPE (1 Mark)

Q.1.	Which of the following shows the maximum rise in temperature?							
	A	23°C to 32°C	B	−10°C to 1°C	C	−18°C to −11°C	D	−5°C to 5°C
Q.2.	The greatest negative integer is							
	A	−1	B	0	C	−2	D	Not determinable
Q.3.	The product of two integers is −189. If one of the integers is 9, then the other is:							
	A	−189	B	−21	C	12	D	21
Q.4.	$(-121) \times 8$ is not equal to							
	A	$121 \times (-8)$	B	$-(121 \times 8)$	C	$(-121) \times (-8)$	D	$8 \times (-121)$
Q.5.	The sum of two integers is always:							
	A	An integer	B	A whole number	C	A fractional number	D	None of these
Q.6.	Which temperature is lower? 3°C, −1°C, 11°C, −16°C, 31°C.							
	A	11°C	B	−16°C	C	31°C	D	, −1°C
Q.7.	The value of $5 \div (-1)$ does not lie between							
	A	0 and −10	B	0 and 10	C	−4 and −15	D	−6 and 6
Q.8.	The integer which is its own additive inverse is:							
	A	1	B	−1	C	0	D	None of these
Q.9.	The property used in computation of $-125 + 14 = 14 + (-125)$ is							
	A	Commutativity of addition	B	Associativity of addition	C	Commutativity of subtraction	D	None of these

Q.10.	On the following number line value 'zero' is shown by the point 			
A	X	B	Y	C Z
Fill in the blanks(1mark)				
Q.11.	The temperature at mid-night was -50°C . One hour later it was 4°C warmer. Then, the temperature one hour later is _____.			
Q.12.	The next three consecutive numbers in the pattern 11, 8, 5, 2,are _____.			
Q.13.	The integer -420 must be divided to get the quotient 210 is _____.			
Q.14.	The sum of $-10 + (-9) + (-7)$ is_____.			
Q.15.	The sign of the product if we multiply together 11 negative integers and 15 positive integers is_____.			
SECTION B (2 marks)				
Q.16.	Height of a place A is 1800 m above sea level. Another place B is 700 m below sea level. What is the difference between the levels of these two places?			
Q.17.	Multiply -5824 by 125 using suitable property.			
Q.18.	Write two integers which are smaller than -3 , but their difference is greater than -3 .			
Q.19.	You are at an elevation 380 m above sea level as you start a motor ride. During the ride, your elevation changes by the following metres: 540 m, -268 m, 116 m, -152 m, 490 m, -844 m, 94 m. What is your elevation relative to the sea level at the end of the ride?			
Q.20.	On Saturday, Naomi went sledding with her friends. When they started, the temperature outside was -4°F . When they stopped to go in for lunch, the temperature had risen 4°F . What was the temperature at lunchtime?			
SECTION C (4 marks)				
Q.21.	In a test, +3 marks are given for every correct answer and -1 mark are given for every incorrect answer. Sona attempted all the questions and scored +20 marks though she got 10 correct answers. (i) How many incorrect answers has she attempted? (ii) How many questions were given in the test?			
Q.22.	A multistorey building has 25 floors above the ground level each of height 5m. It also has 3 floors in the basement each of height 5m. A lift in building moves at a rate of 1m/s. If a man starts from 50m above the ground, how long will it take him to reach at 2nd floor of basement?			

Q.23.	Find the product using suitable property: (i) $(-2) \times (-425) \times (-5)$ (ii) $(-9) \times (-78) + (-9) \times (68)$ (iii) $(-16) \times 12$
Q.24.	<p>Following number line shows the temperature in degree celsius($^{\circ}\text{C}$) of a city in a year.</p>  <p>(i) Observe this number line and write temperature of the given particular months. (ii) On which month the temperature was 10°C colder than in the month of August? (iii) What is the temperature difference between October and January?</p>
Q.25.	Evaluate: (i) $[(-16) \div 4] \div (-2)$ (ii) $(-70) \div (-35)$ (iii) $18 \div [(-2) + 1]$ (iv) $[(-7) + (-9)] \div [(-3) + 2]$

Answers

Answers	1	B	2	A	3.	B	4	C
	5	A	6	B	7	B	8	A
	9	A	10	C	11	-46°C	12	$-1, -4, -7$
	13	-2	14	-26	15	Negative	16	2500
	17	-728000	18	-4 and -5	19	356	20	0°F
	21	20 questions	22	1 minute	23	$-4250, 9, -192$	25	$2, 2, -18, 16$
	24	(i) $-12^{\circ}\text{C}, -7^{\circ}\text{C}, -2^{\circ}\text{C}, 3^{\circ}\text{C}, 11^{\circ}\text{C}$ (ii)march (iii) 23°C						