

International Indian School Buraidah

STD VII - Maths Worksheet - 01

L # 1 Integers

1. Fill in the blanks :

a) $(-27) + \underline{\quad} = 0$

f) $(-36 \div \underline{\quad}) = 9$

b) $(-68) + 76 = \underline{\quad} + (-68)$

g) $(-900) \div 25 = \underline{\quad}$

c) $[(-13) + 27] + (-83) = (-13) + [27 + \underline{\quad}]$

h) $(-1) \times (-1) \times (-1) = \underline{\quad}$

d) $\underline{\quad} \times (-1) = 89$

i) $918 \times \underline{\quad} = 0$

e) $0 \div (-15) = \underline{\quad}$

j) $-23+42-28-11 = \underline{\quad}$

2. Write down a pair of integers whose (a) sum is -6 (b) difference is -5

3. From the sum of 233 and(-147) subtract (-284)

4. If $a = -8$, $b = -7$, $c = 6$ verify (a) $a+(b+c) = (a+b)+c$ (b) $a-b \neq b-a$

5. Verify that $a \div (b+c) \neq (a \div b) + (a \div c)$, if $a = 16$, $b = (-2)$, $c = 2$

6. Simplify (a) $56 \div [(-2) \times 4]$ (b) $[(-48) \div 4] \div (-2)$ (c) $25 \div [(-8) + 3]$

7. Simplify using suitable properties:

a) 24×103 b) $214 \times (-49)$ c) $(-61) \times 102$ d) $(-525) \times 99$ e) $125 \times (-58) \times 8$

f) $21 \times (-6) \times 5 \times 10$ g) $265 \times 99 + 265$ h) $2584 \times (-886) - 584 \times (-886)$

g) $526 \times 337 + (-526) \times 337$

8. In a competitive exam (+5) marks are given for every correct answer and (-3) for every wrong answer. (i) Atul got 10 answers correct and 2 answers wrong. What will be his total score? (ii) Subin got 8 correct answers and a total score of 19 marks. Find the number of wrong answers he had?

9. A parachute descends at the rate of 25m per minute. At a particular time it was at a height of 1850m above the ground level. How long will it take reach the height of 250m above the ground level?

10. A vegetable merchant gets a profit of Rs100 per bag of onion sold and a loss of Rs30 per bag of potato sold. If he sells 30 bags of onions and 50 bags of potatoes on a particular day, what is his profit or loss?

11. The temperature in a city is 5°C on Sunday. It dropped by 3°C on Monday and the next day it again dropped by 2°C . Find the temperature in the city on Monday and the next day?