



INDIAN SCHOOL NIZWA - WORKSHEET

MATHEMATICS

CH: 1 : INTEGERS

Name: _____

Date: _____

Class: VII Sec: ____

Q.1. Fill in the blanks:

- (i) All natural numbers are _____ integers.
- (ii) The product of -7 and 7 is _____ (iii) $(-5) \times (-1) \times (-2) =$ _____ (iv)
- (v) $-6 \times (-3 + 6) = [(-6) \times \text{_____}] + [(-6) \times 6]$
- (vi) The successor and predecessor of -380 is _____ and _____ respectively.
- (vii) A pair of positive and negative integer whose sum is -10 is (_____)
- (viii) The additive inverse of -23 is _____
- (ix) The integer whose product with (-2) is (-150) is _____.
- (x) $-3 + 7 = 7 + (-3)$ is true by _____ property.

Q.2. Verify the following result:

$$20 \times [5 + (-16)] = (20 \times 5) + 20 \times (-16)$$

Q.3. Subtract $(-42 + 39)$ from 100

Q.4. I was 8 km to the north of my home. Now, I am 4 km to the south of my home. How many kilometers did I travel?

Q.5. The temperature of Delhi which was 42°C fell by 2°C each day for a week. What is the temperature after the whole week?

Q.6. Compare $(-2 - 5) \times (-6)$ and $(-2) - 5 \times (-6)$. Which is greater?

Q.7. In a quiz based programme, there are three teams A, B and C. There are total five rounds in a game. 20 marks are given for each correct answer and -10 marks for each wrong answer. No marks are deducted for not attempting a question. Which team won the game, if

- Team A gave 3 correct and 2 wrong answers?
- Team B gave 2 correct and 2 wrong answers and they didn't attempt 1 question?
- Team C gave 3 correct and 1 wrong answers and they didn't attempt 1 question?

Q.8. Using suitable properties solve:

(i) $(-15) \times (-37)$

(ii) $423 \times (-63) - [63 \times (-423)]$