

MATHEMATICS

Class-7th

Chapter-01

Integers

Self-Practice

part-II

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'Mathematics'

'class - VII'

'Self Practice'

'ch - 01'

"Part - II"

Q.1. Write down a pair of 'integers' whose

(a) sum is -5

(b) sum is -9

(c) sum is 0

(d) difference is -20.

Q.2. (i) Write a pair of negative integers whose difference gives 6. ✓

(ii) Write a negative integer and a positive integer whose sum is -15. ✓

(iii) Write a negative integer and a positive integer whose difference is -13. ✓

Q.3. In a quiz competition, team 'A' scored -15, -10, 0 and 2 scores in four rounds and team 'B' scored -2, -23, -15 and 10 in four rounds. Whose scored more and won the competition? ✓

Q.4. Fill in the blanks:-

(i) $-13 + (-\dots) = \underline{-15 + (-\dots)}$

(ii) $-2 + (-\dots) = \underline{0}$

(iii) $-10 + (-\dots) = \underline{-11}$

(iv) $-15 + (-\dots) = \underline{-15}$

(v) $-23 + (-\dots) = \underline{25 + (-\dots)}$

→

Q.5. Find the product using suitable properties.

(i) $25 \times (-40) + (-40) \times 15$ ✓

(ii) $-14 \times (-41)$ ✓

(iii) $8 \times (40 - 2)$ ✓

(iv) $-51 \times (-21) - 51$ ✓

(v) $7 \times 54 \times (-40)$ ✓

(vi) $625 \times (-45) + (-625) \times 55$ ✓

Q.6. Verify the following:

(a) $19 \times [7 + (-4)] = [19 \times 7] + [19 \times (-4)]$ ✓

(b) $(-20) \times [(-5) + (-7)]$
 $= [(-20) \times (-5)] + [(-20) \times (-7)]$ ✓

Q.7. In a test (+5) marks are given for every correct answer and (-2) marks are given for every incorrect answer.

'Radhika answered all the questions and scored 30 marks though she got 10 correct answers. How many her answers were incorrect?'

Q.8. Evaluate:-

a. $36 \div (-4)$ ✓	d. $-204 \div (-3)$ ✓
b. $-48 \div (8)$ ✓	e. $-25 \div (5 \div 5)$ ✓
c. $-48 \div (-6)$ ✓	

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The End. x