

WORK SHEET
CLASS VII
MATHEMATICS
CHAP- 1-Integers
MODULE 7/8

1. Verify the following :

a) $(-21) \times [(-4) + (-6)] = [(-21) \times (-4)] + [(-21) \times (-6)]$

b) $15 \times [6 + (-3)] = [15 \times 6] + [15 \times (-3)]$

c) $(-15) \times [(-8) + (-6)] = [(-15) \times (-8)] + [(-15) \times (-6)]$

d) $8 \times (12 - 14) = (8 \times 12) - (8 \times 14)$

2) Evaluate by using suitable identity'

a) 289×209

b) 15×998

c) $-7 \times (-107)$

d) 35×103

e) 6×9

f) 11×20

g) 105×98

3. Evaluate.

a) $243 \times 66 + 243 \times 34$

b) $98 \times 465 + 465 \times 2$

c) $-37 \times 75 + 25 \times -37$

d) $279 \times 99 + 279$

e) $175 \times 763 - 763 \times 75$

f) $462 \times 240 - 462 \times 40$

4) Do as directed :

1. In a test (+5) marks are given for every correct answer and (−2) marks are given every incorrect answer.

- (i) Radhika answered all the questions and scored 30 marks though she got 10 correct answers.**
- (ii) Jay also answered all the questions and scored (−12) marks though he got 4 correct answers. How many incorrect answers had they attempted ?**

5) In a class test containing 15 questions 4 marks are given for every correct answer and (−2) marks are given for every incorrect answers :

- i) Gurupreet attempts all question but only 9 of her answers are correct. What is her total score ?**
- ii) One of her friends gets only 5 answers correct. What will be her score ?**