

NEW AL WUROOD INTERNATIONAL SCHOOL, JEDDAH, K.S.A

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FIRST TERM EXAMINATION-June 2022-23

WORKSHEET-1

GRADE: 7

SUBJECT: Mathematics

Block 3 – Operation on Integers.

1. 49, 63, -47, -13, -21, 9, 69, 6
2. Which integer will be obtained when 291 is multiplied with (-1) ?
3. What will be the sign of the product, if we multiply 5 negative integers and 4 positive integers together?
4. Solve: i) $-29 - 10$
ii) $-48 + 38 + 28 + (-23)$
iii) $-25 - (-33) - 38 - 10 - 20$
5. Solve:
i) $20 \div 4$
ii) -40×-60
iii) $-470 \div -10$
iv) -216×8
v) $-96 \times 27 \times 10$
vi) $250 \div 4$

Block 4 – More on Integers.

6. Fill in the blanks
 - (a) $-289 \times \underline{\hspace{2cm}} = 0$
 - (b) $\underline{\hspace{2cm}} \div 420 = -1$
 - (c) $-6 \times [(-4) + \underline{\hspace{2cm}}] = (-6) \times (-4) - (-6) \times 7$
 - (d) $[71 \times (-9)] \times (-35) = 71 \times [\underline{\hspace{2cm}} \times (-35)]$

7. State whether the following statements are correct or incorrect. Also, give reasons to justify your answer.

(a) The result obtained on multiplying 4 negative integers and 5 positive integers is a positive integer.

(b) The product of any integer with (-1) is the integer itself.

(c) The result obtained on dividing 2 negative integers is positive.

8. Evaluate each of the following using suitable properties.

(a) $4 \times (25 \times 7) - 2 \times (5 \times 16)$

(b) $[81 \times (-16)] + (6 \times 81)$

(c) $21 \times (-10) - 21 \times 40$

d) 728×101

e) 504×35

9. A shop owner earns a profit of Rs 280 on the sale of a pair of footwear and incurs a loss of Rs 165 on the sale of a purse. In a particular week, he incurs a loss of Rs 300.

If he sold 6 pairs of footwear in that week, then how many purses did the shop owner sell in that particular week?

10. The sum of two integers is zero, if one of them is -5 , then the other one will be:

a) 2 b) -5 c) 5 d) 0

11. Product of two numbers is -55 . If one of them is 1 the other one will be:

a) -5 b) 5 c) -55 d) 55

12. A place is 123m above sea level and another is 46m below sea level. What is the difference of level between them?

a) 77 b) -77 c) 74 d) -32

13. The difference of two integers is -37 . If one of the integers is -13 , find the other.

a) -24 b) 67 c) 24 d) 67