

INTERNATIONAL INDIAN SCHOOL, RIYADH

WORK SHEET 2017-2018 ACADAMIC YEAR

Std. VI

SUBJECT: MATHEMATICS CHAPTER -1

INTEGERS

- $-521 + \underline{\hspace{2cm}} = -521$
- $a+b = b+a$, is property
- $19 + \underline{\hspace{1cm}} = 0$
- $(-83) \times (-1) = \underline{\hspace{2cm}}$
- $(-46) + (-14) = \underline{\hspace{2cm}}$
- The difference between 42^0 and -18^0 is
- $5 \times (-12) \times (-13) = \underline{\hspace{2cm}}$
- $60 \div (-10) = \underline{\hspace{2cm}}$
- $0 \div (+15) = \underline{\hspace{2cm}}$
- $a(b+c) = (axb) + (axc)$ is property
- $[(-16)+12] \div [(-4)+2] = \underline{\hspace{2cm}}$
- An elevator descends in to a shaft at the rate of 3m/min. if the descent starts from 40m above the ground level, how long will it take to reach -20m?
- Find the product using suitable property?
a) $(-2) \times (36) \times (-5)$ b) $8 \times 42 \times (-125)$
- Verify a) $8 \times [9 \times (-5)] = -5 \times (8 \times 9)$
 b) $21 + [8 + (-2)] = 21 \times 8 + 21 \times (-2)$.
- Simplify the following.
a) $(-10) + (-8) \div (-2) \times 3$.
b) $42 \div 21 + 2 \times 7$
- Verify $a \div (b + c) \neq (a \div b) + (a \div c)$ for each of the following values of a,b and c
a) $a=20, b=-2, c=4$ b) $a=-8, b=-1, c=2$
- Evaluate = a) $-45 - 33$ b) $26 - (-11)$

18. Find the sum of each of the following.

a) 34, (-34) and (-28)

b) 102, (-99) and (-3)

19. Subtract: a) 26 from (-42) , b) -67 from 0.

20. Verify $(-12) \times [4 \times (-10)] = (-12 \times 4) \times (-10)$

Answers

1) 0	2) commutative Property	3) -19	4) 83	5) -60	6) 60	7) 780
8) -6	9) 0	10) distributive property	11) 2	12) 20minute	13) a) 360 b) -42000	14) a) equal b) equal
15) a) 3 b) 16	16)	17) a) -78 b) 37	18) a) -28 b) 0	19) a) -88 b) 67	20) 480	

Best of luck

