



INDIAN SCHOOL AL WADI AL KABIR

Class: VIII	Department: MATHEMATICS	Date of Submission: 19/01/2020
Worksheet No:1/2	WINTER HOLIDAY HOMEWORK (MCQ)	

Q.1.	On which figure the VAT of a product is calculated?						
A	Selling price	B	Cost price	C	Mark price	D	None of these
Q.2.	The area of a rhombus whose diagonals are 16 cm and 14 cm long is						
A	112 cm^2	B	224 cm^2	C	30 cm^2	D	15 cm^2
Q.3.	If an article sold for Rs 100 then there is a gain of Rs 20, which of the following is the gain percent?						
A	25%	B	22%	C	20%	D	16 %
Q.4.	What will happen to the surface area of a cube if edge is doubled?						
A	8 times	B	$1/8$ times	C	27 times	D	4 times
Q.5.	A building worth Rs X is depreciated by R% per annum. Which of the following is true?						
A	$X [1 - \frac{R}{100}]$	B	$X [1 + \frac{R}{100}]$	C	$X [(1 + \frac{R}{100}) - 1]$	D	$X [1 - (1 - \frac{R}{100})]$
Q.6.	How many 3 metre cubes can be cut from a cuboid measuring 18 m x 12 m x 9 m?						
A	70	B	75	C	76	D	72
Q.7.	If MP of a box is ₹ 1100 and a discount of 10% is allowed then what should be the sale price?						
A	₹ 1001	B	₹ 1100	C	₹ 990	D	₹ 900

Q.8.	$\sqrt{24 + \sqrt{144}}$ is equal to						
A	$\sqrt{30}$	B	6	C	$\sqrt{36}$	D	Both (B) and (C)
Q.9.	The volume of a cubical box is 1331 cm^3 . Which of the following is its side?						
A	31 cm	B	21 cm	C	11cm	D	121 cm
Q.10.	What conversion time period is taken when compound interest is calculated half yearly?						
A	twice as much as the number of given years	B	half as much as the number of given years	C	same as the number of given years	D	none of these
Q.11.	During a sale, a shop offers discount of 10% on the mark price of all the items. What should the customer pay for two shirts marked at ₹ 850 each?						
A	₹ 85	B	₹ 775	C	₹ 1500	D	₹ 1530
Q.12.	Marked price of an article is ₹ 80 and it is sold at ₹ 76, then the discount rate is						
A	10%	B	15%	C	5%	D	1%
Q.13.	If the 90% of x is 315 km, then find the value of x is						
A	31	B	350	C	3500	D	190
Q.14.	How much compound interest on ₹ 62,500 has to pay if rate of interest is 4% per annum for 2 year compounded annually.						
A	₹ 5100	B	₹ 5000	C	₹ 6260	D	₹ 6250

Q.15.	A TV set was bought for ₹ 25,200 including 5% VAT. The original price of the TV set is							
	A	₹ 27,562.50	B	₹ 23,940	C	₹ 25,000	D	₹ 26,000