



INDIAN SCHOOL AL WADI AL KABIR
Dept. of Mathematics, (2018-2019)
SUMMER HOLIDAY HOMEWORK, CLASS: VII

General Instructions:


*Date of submission:

*Answer the following questions by writing proper statements and showing proper working.

*Solve in A-4 size paper.

ANSWERS

- In an Aeroplane 144 people were present. $\frac{1}{2}$ Of them were Male, $\frac{4}{9}$ of them were Female and the rest were Children. Find the number of male, female and children.
Male =72
Female =64
Children =8
- Express using decimals (i) 745 paise into rupees (ii) 17 kg 85 g into kg
i. 7.54 rs
ii. 17.085 kg
- A man deposits ₹ 1320.25 every month in a bank. What amount does he deposit in a year?
15843
- Find the product of: (i) 45.01×0.02 (ii) 4.07×0.35 (iii) 1.08×0.09
0.9002, 1.4245
0.0972
- Find: (i) $275.4 \div 100$ (ii) $8.9 \div 1000$ (iii) $0.2 \div 1000$
- In a hostel's mess, each student gets $\frac{1}{3}$ litre of milk every day. If the total consumption of milk is $56\frac{2}{3}$ litres per day, how many students are there in the hostel?
170 students
- An ornament is made of gold and copper and weighs 52grams.if $\frac{2}{13}$ of its part is copper, find the weight of pure gold in it.
44 gm
- Mirdula finished colouring a picture in $\frac{7}{9}$ hours. Sunita finished colouring the same picture in $\frac{3}{4}$ hours. Who worked longer? By what fraction was it longer?
Mirdula
By $\frac{1}{36}$
- What is the perimeter of an equilateral triangle with side 5.5 cm?
16.5
- Which is smaller?
(i) $(-45) + (-12) - (-8)$ or $45 - (-12) + (-8)$
(ii) $2 \times (-1) \times 4 \times 2 \times (-3)$ or $(-2) + (-1) + 4 + 2 - (-3)$
1. <
2. >
- Evaluate each of the following:
(a) $(-30) \div 10 = \underline{\hspace{2cm}}$
(b) $(-70) + 92 - 57 + 76 - 23 = \underline{\hspace{2cm}}$
(c) $(-1) \times (-1) \times (-1) \times \dots\dots\dots$ 11 times is $\underline{\hspace{2cm}}$
(d) $[(-8) + (-7)] \div [(-10) + (5)] = \underline{\hspace{2cm}}$
a. (-3)
b. (18)
c. (-1)
d. 3

12. The temperature of Srinagar at 12 noon was 10°C above zero. It decreased at 2°C per hour until mid-night.
- (a) At what time would be temperature of Srinagar be 0°C ? a. at 5 or 17 pm
 (b) At what time would the temperature of Srinagar be 8°C below zero? b. at 9 or 21 pm
 (c) What would be temperature of Srinagar at mid-night? c. -14°C
13. In a class test containing 10 questions 5 marks are awarded for every correct answer and 2 marks are deducted for every incorrect answer and 0 for question not attempted.
- (a) Rohit gets four correct and six incorrect answers. What is his score? a. 8
 (b) Seema gets 5 correct and 5 incorrect answers .What is her score? b. 15
 (c) Ritu attempted 7 questions and gets only 2 correct answers , What is her score? c. 0
14. A kilogram of sugar cost $\text{₹ } 35\frac{1}{5}$, for baking a cake Sheela bought $2\frac{1}{4}$ kg of sugar. How much did she spend for this? $79\frac{1}{5}$
15. Shaji bought 11 kg 250 g of cashew and he packed them in small packets of 750g each. How many small packets did he make? 15
16. The spinner shown is rotated. Find the probability of the pointer
- (a) resting on an even number_____.
- (b) resting on number 2_____.
- (c) resting on a number less than 6_____.
- 
- a. $\frac{1}{2}$
 b. $\frac{1}{8}$
 c. $\frac{5}{8}$
17. Find the mean and median of the first 11 even numbers. 12, 12
18. The following are the number of six's scored by a team in different matches in IPL cricket league. Find the mode of the data: 5, 3, 4, 2, 3, 2, 2, 3, 1, 3, 6, 4, 4, 2, 3, 1, 3, 3, 3, 1, 2, 5, 5, 2 , 3, 1 by arranging in tabular form. Mode -3
19. a) Write a pair negative integers, whose difference gives is 8.
 b) Write a negative integer and a positive integer whose sum is -5.
20. Simplify using the suitable properties:
- a) $(-25) \times 2345 \times (-40)$ a. 234000
 b) $[23 \times (-43)] + [(-57) \times (23)]$ b. (-2300)
 c) $[(-14) \times (-54)] + [(-46) \times (-54)]$ c. 3240

******Happy Holidays******

Submission Date: 7th Aug 2018
 All the Best!