# INDIAN SCHOOL AL WADI AL KABIR
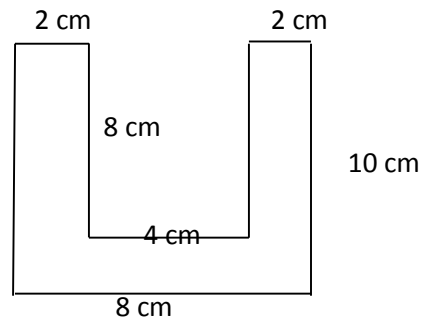
## DEPARTMENT OF MATHEMATICS (2014-2015), WINTER HOLIDAY HOME WORK

**NAME OF THE STUDENT:** …………………………………………… **CLASS:** VI **SEC:** **ROLL NO:** ……..

1. Karan had ₹ 500.He purchased a shirt for ₹235.85 , a pair of socks for ₹28.75 and a towel for ₹ 48.90. How much money is left with him?

2. The present age of Gita is 'x' years. Answer the following questions
   1. What will be her age after 5 years
   2. What was her age 3 years back?
   3. Her father's age is 7 more than 3 times her age. What is her father's age?
   4. Her mother is 5 years younger to her father .What is her mother's age?

3. Square slabs of side 40 cm are to paved in a rectangular courtyard of length 24m and breadth 16 m. Find the number of slabs required?

4. Esha travelled 15 km 268 m by bus, 7km 7m by car and 500m on foot to reach her friend's residence. How far is her friend's house from her residence?

5. Complete the table and find out the solution of the equation $5z = 20$

   | z  | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
   |----|---|---|---|---|---|---|---|
   | 5z |   |   |   |   |   |   |   |

6. Simplify:-        $(-18) + 21 – (-13) + (-23)$

7. Anisha walks around a square park of side 90 m. Vandana walks around a rectangular park of length 80 m and breadth 60 m. Each one makes four rounds. Who covers less distance and by how much?

8. Find the perimeter and area of the figure.

   

9. Find the value of the variable which satisfies the equation by trying the values given bracket. $\frac{m}{2} = 5$  (2 , 5 , 10 , 15)

10. Joseph takes $6\frac{1}{5}$ minutes while Salim takes $3\frac{2}{3}$ minutes to reach the school from their home? Who less time by how much?

11. A marble tile measures 25cm by 20cm. How many tiles will be required to cover a wall of size 4m by 3m?

12. Write algebraic expression for the following.
    a. Twice a number x added to 8
    b. 7 subtracted from a number p
    c. Product of x and y increased by 3
    d. 5 times p divided by three times q