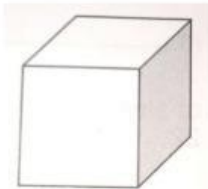
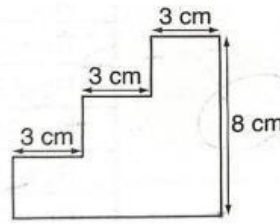


### Simulation of MEMO

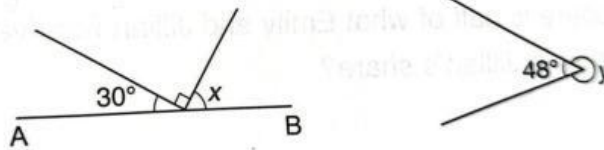
1. The average of 4 numbers is 75. When a 5<sup>th</sup> number is added, the new average become 82. What is the 5<sup>th</sup> number?
2. Mr Khoo had a sum of money. He gave  $\frac{1}{4}$  of it to his wife and spent  $\frac{2}{5}$  of the remainder on some books. He gave the rest to his 3 children. Each child received \$42.  
(a) What fraction of the money did each child get? \_\_\_\_\_  
(b) How much money did he have at first? \$
3. Express 3 kg 12 g in kg as a decimal. \_\_\_\_\_ kg
4. A mango costs \$2 more than a pear. If Alison paid \$4.40 for 1 mango and 2 pears, how much did each pear cost. \$
5. 100 g of sugar cost \$0.65. Mrs Tan bought 4 kg of sugar. How much did she pay? \$
6. The shaded face of the cube has an area of  $49 \text{ cm}^2$ . What is the volume of the cube?  
 $\text{cm}^3$   

7. A part-time worker is paid \$15.50 per hour. In one day, he works 9 hours. How much does he earn in 4 weeks if he works 5 days a week? \$
8. Uncle Charlie bought 20.8 kg pf flour. He made 500 biscuits. If 0.015 kg of flour was used for each biscuit, how many kilograms of flour was left? \_\_\_\_\_ Kg
9. What is the value of  $100 : 4 + 6 \times (10-2)$ ?
10. What number is 3 less than half a million?

11. Find the perimeter of the figure below.

cm

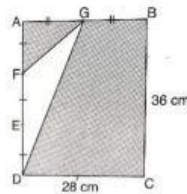


12. The figure below are not drawn to scale. AB is a straight line. Find the difference between  $\angle x$  and  $\angle y$ .



13. The figure below, not drawn to scale, shows rectangle ABCD measuring 36 cm by 28 cm.  $AG = GB$  and  $AF = FE = ED$ . Find the area of the shaded part of the rectangle.

cm<sup>2</sup>



14. Box A contains 560 beads. Box B contains 80 beads. When an equal number of beads are added into each box, the new ratio of beads in each box is 6 : 1. What is the total number of beads added to each box?

15. Melanie and Carmen have 1216 stamps. Carmen has three times as many stamps as Melanie. How many stamps does Melanie have?