SECTION ONE - (3 points problems)

1. Which letter on the board is not in the word "KOALA "?

(A) R **(B)** L **(C)** K
(D) N **(E)** O

2. How many ropes are there in the picture?

(A) 2 **(B)** 3 **(C)** 4
(D) 5 **(E)** 6

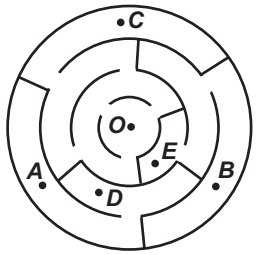
3. Michael built a house with matches as in the picture. How many matches did he use?

(A) 19 **(B)** 18 **(C)** 17 **(D)** 15 **(E)** 13

4. In a cave, there were only two seahorses, one starfish and three turtles. Later, five seahorses, three starfish and four turtles joined them. How many sea animals gathered in the cave?

(A) 6 **(B)** 9 **(C)** 12 **(D)** 15 **(E)** 18

5. Which point of the labyrinth can we reach starting from the point O?



(A) A **(B)** B **(C)** C
(D) D **(E)** E

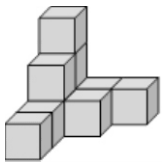
6. Ten friends came to John's birthday party, six of them were girls. How many boys were there?

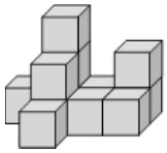
(A) 4 **(B)** 5 **(C)** 6 **(D)** 7 **(E)** 8

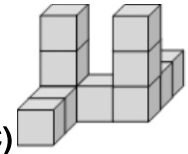
7. Matt had to deliver flyers about recycling to all houses numbered from 25 to 57. How many houses got the flyers?

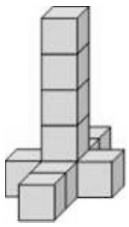
(A) 31 **(B)** 32 **(C)** 33 **(D)** 34 **(E)** 35

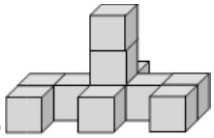
8. Which shape can we make with 10 cubes?

(A) 

(B) 

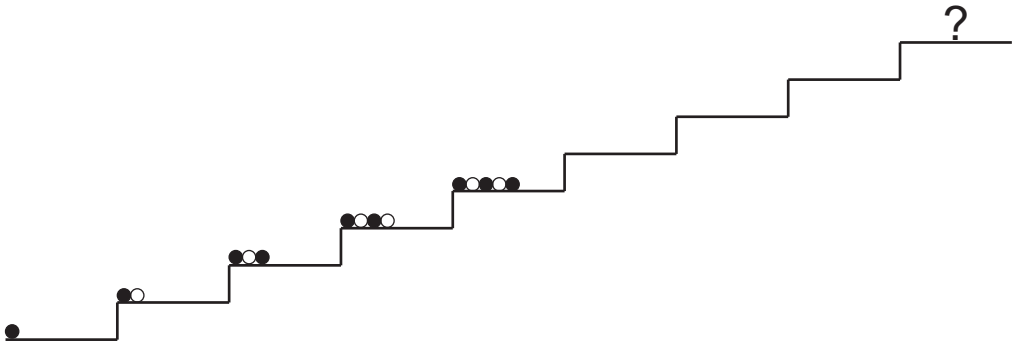
(C) 

(D) 

(E) 

SECTION TWO - (4 points problems)

9. Sophie arranges balls in boxes in a certain way as in the picture How will the balls appear in the box with the question mark?



(A)

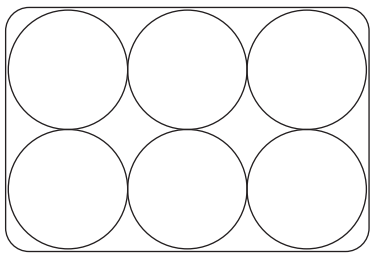
(B)

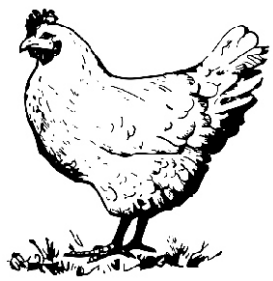
(C)

(D)

(E)

10. Agatha, the hen, lays white and brown eggs. Lisa puts six eggs in the box below. Two brown eggs cannot touch each other. At most, how many brown eggs can Lisa put in the box?





(A) 1 **(B)** 2 **(C)** 3 **(D)** 4 **(E)** 5

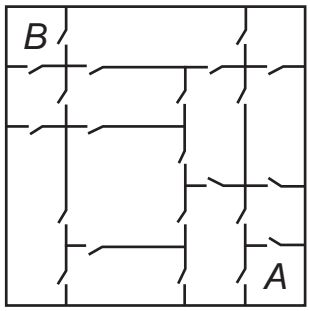
11. Kanga is 1 year and 3 months old now. In how many months will Kanga be 2 years old?

(A) 3 **(B)** 5 **(C)** 7 **(D)** 8 **(E)** 9

12. Granny went out to the yard and called all the hens and her cat. All 20 legs ran to her. How many hens does granny have?

(A) 11 **(B)** 9 **(C)** 8 **(D)** 6 **(E)** 4

13. In Baby Roo's house, each room is connected to any neighboring room by a door (see the Picture). Baby Roo wants to get from the room A to the room B. What is the least number of doors that he will need to go through?

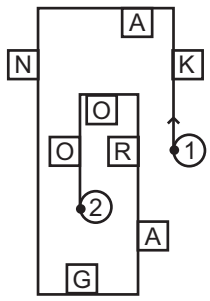


(A) 3 **(B)** 4 **(C)** 5 **(D)** 6 **(E)** 7

14. There are twelve rooms in a building and each room has two windows and one light. Last evening, eighteen windows were lighted. In how many rooms was the light off?

(A) 2 **(B)** 3 **(C)** 4 **(D)** 5 **(E)** 6

15. Mary is walking along the road and she reads only the letters located on her right side. Moving from point 1 to point 2, what is the word she will get?

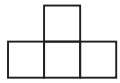


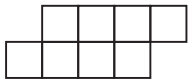
(A) KNAO (B) KNGO (C) KNR
(D) AGRO (E) KAO

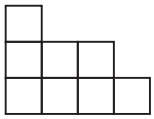
16. The sum of John's and Paul's age is equal to 12. What will be sum of their ages in 4 years?

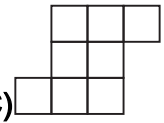
(A) 16 **(B)** 17 **(C)** 18 **(D)** 19 **(E)** 20

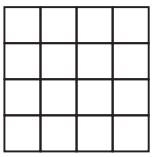
SECTION THREE - (5 points problems)

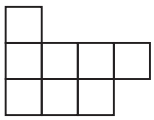
17. Which of the following pictures cannot be made by using figures like  ?

(A) 

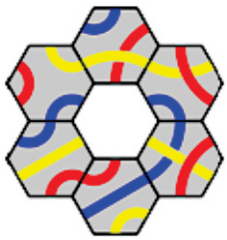
(B) 

(C) 

(D) 

(E) 

18. Which tile matches the pattern in the picture?



(A)

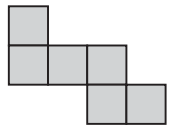
(B)

(C)

(D)

(E)

19. Amy used six equal small squares to build the figure.
What is the least number of equal small squares she should add to the picture in order to obtain a larger square?



(A) 6 **(B)** 8 **(C)** 9 **(D)** 10 **(E)** 12

20. Five sparrows sat on a wire as shown in the picture. Some of them looked to their left, others looked to their right. Each sparrow chirped only once to each bird it saw on its side. For example, third sparrow chirped two times. In total, how many times did they chirp?

(A) 6 **(B)** 8 **(C)** 9 **(D)** 10 **(E)** 12

21. A spider was sitting on the ceiling. In some moment it lowered itself 12 cm down, then climbed 7 cm upwards, and finally lowered itself 6 cm down. At what distance from the ceiling is now the spider?

(A) 13 cm **(B)** 11 cm **(C)** 25 cm **(D)** 5 cm **(E)** 12 cm

22. Which number is the biggest number to complete the following sentence?
"… "is smaller than 15"

(A) 8 + 7 **(B)** 15 - 3 **(C)** 17 - 4 **(D)** 7 + 7 **(E)** 8 + 3

23. A family has several children, one of them is Tom. Tom has 2 sisters, and each of his sisters has 3 brothers. How many children are in this family?

(A) 9 **(B)** 8 **(C)** 7 **(D)** 6 **(E)** 5

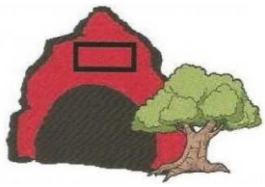
24. 5 dragons named Dodo, Pepe, Ritchi, Buro and Fifi lived each in his own cave.

Dodo and Pepe had only one neighbour. Richi lived in the cave with a triangle. Buro didn't have a tree in front of his cave. Pepe lived next to Buro. Which cave did Fifi live in?

(A)

(B)

(C)

(D)

(E)