

# KANGAROO 2016



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

Time allowed: 50 minutes  
Calculators are not permitted



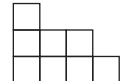
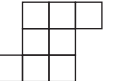
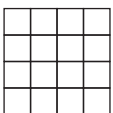
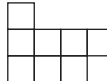
**Nipper**  
1-2 grades

16. The sum of John's age 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

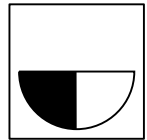
## Questions for 3 points

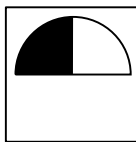
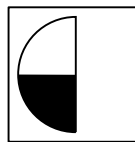
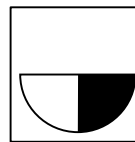
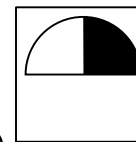

1. Which letter on the board is not in the word KOALA?  
A) R B) L C) K D) N E) O



17. Which of the following pictures cannot be made by using figures like ?  
A)  B)  C)  D)  E) 

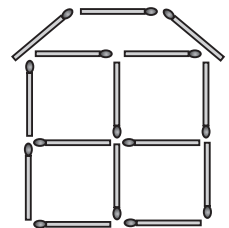
2. Which card is the same as the one on the right?



- A)  B)  C)  D)  E) 

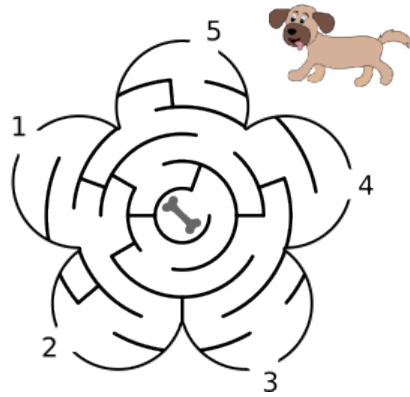
18. The numbers 1, 5, 8, 9, 10, 12 and 15 are distributed into groups with one or more numbers. The sum of the numbers in each group is the same. What can be the largest number of groups?  
A) 3 B) 4 C) 2 D) 6 E) 5

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 gate will lead the puppy to the bone?  
 A) 1 B) 2 C) 3 D) 4 E) 5

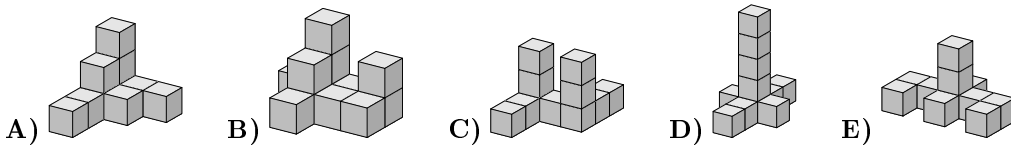


6. Ten friends came to John's birthday party, six of them were girls. How many boys were there?  
 A) 4 B) 5 C) 6 D) 7 E) 8

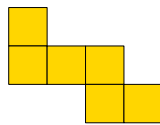
**Questions for 4 points**

7. Matt had to deliver flyers about recycling to all houses numbered from 15 to 37. How many houses got the flyers?  
 A) 21 B) 22 C) 23 D) 24 E) 25

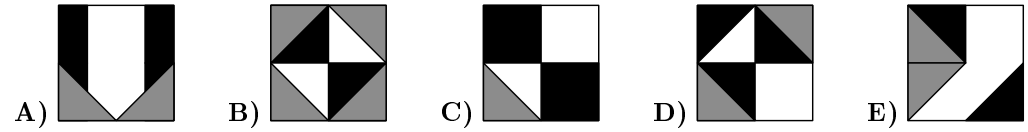
8. Which shape can we make with 10 cubes?



9. 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



10. Which pattern can we make using all five cards given below?

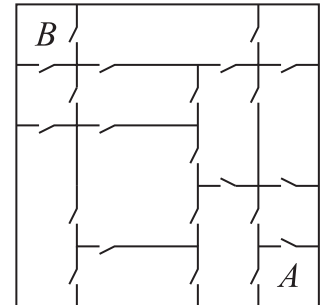


11. Kanga is 6 weeks and 2 days old now. In how many days will Kanga be 7 weeks old?  
 A) 6 B) 3 C) 4 D) 2 E) 5

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

**Questions for 5 points**

13. In Baby Roo's house, each room is connected to any neighbouring 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