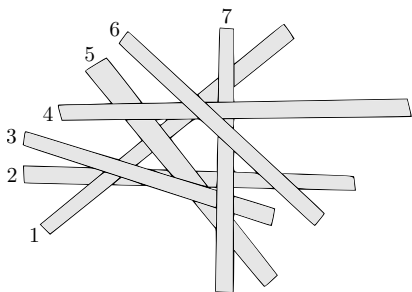
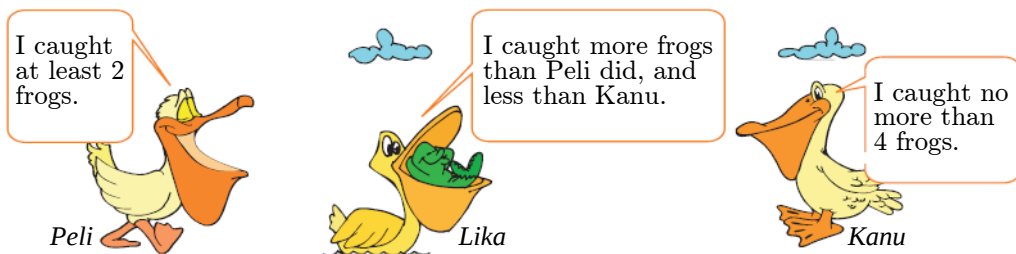


15. Seven sticks lie on top of each other. Ivor can take away a stick only if there is no other stick above it. In which order can Ivor take all the sticks away?



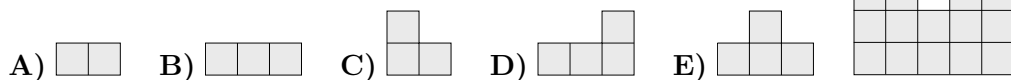
- A) 6, 4, 7, 1, 5, 3, 2    B) 6, 4, 7, 3, 5, 1, 2    C) 6, 4, 7, 3, 1, 5, 2  
 D) 6, 4, 3, 7, 5, 1, 2    E) 6, 7, 4, 3, 5, 1, 2

16. How many frogs did the three pelicans catch?



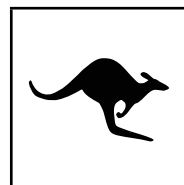
- A) 2    B) 3    C) 4    D) 9    E) 12

17. The central cell of the square was removed. We cut it into equal pieces. Which piece is not possible to get?



18. Rabbit Venya eats cabbages and carrots. Each day he eats either 10 carrots, or 2 cabbages. Last week Venya ate 6 cabbages. How many carrots did he eat last week?

- A) 20    B) 30    C) 34    D) 40    E) 50



# KANGAROO 2014

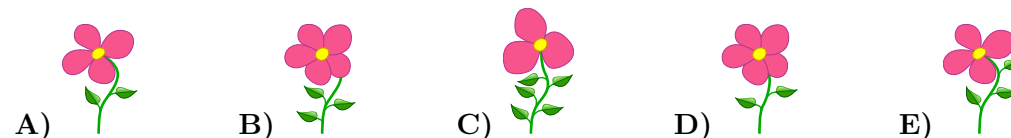


Time allowed: 50 minutes  
 Calculators are not permitted

**Nipper**  
 1–2 grades

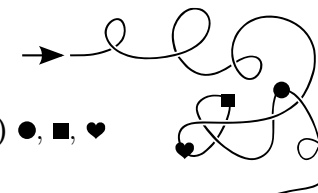
## Questions for 3 points

1. Ladybird will sit on a flower that has five petals and three leaves. On which of the following flowers will ladybird sit?



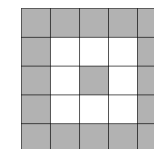
2. In what order do you meet the shapes starting from the arrow?

- A) ♥, ■, ●    B) ♥, ●, ■    C) ■, ♥, ●    D) ●, ♥, ■    E) ●, ■, ♥



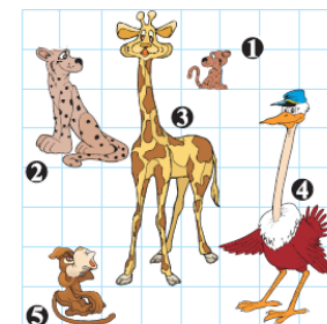
3. How many more grey squares than white ones can you see?

- A) 6    B) 7    C) 8    D) 9    E) 10

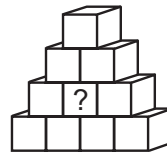


4. Put the animals in line from the shortest to the tallest. What animal is in the middle?

- A) 1    B) 2    C) 3    D) 4    E) 5



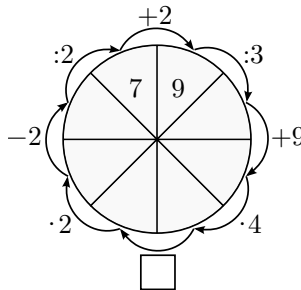
5. Fedya has 4 red cubes, 3 blue cubes, 2 green cubes and 1 yellow cube. He builds a tower (see the picture) in such a way that no two adjacent cubes have the same colour. What is the colour of the marked cube?



- A) Red B) Blue C) Green D) Yellow  
E) Impossible to determine

6. What should you put in the square to get a correct diagram?

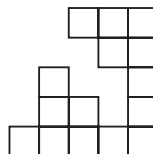
- A)  $-38$  B)  $:8$  C)  $-45$  D)  $\cdot 6$  E)  $:6$



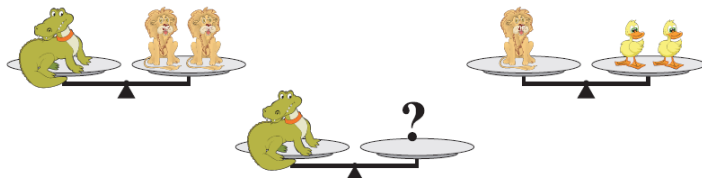
Questions for 4 points

7. A square was composed of 25 small squares, but some of these small squares are lost. How many are lost?

- A) 6 B) 7 C) 8 D) 10 E) 12



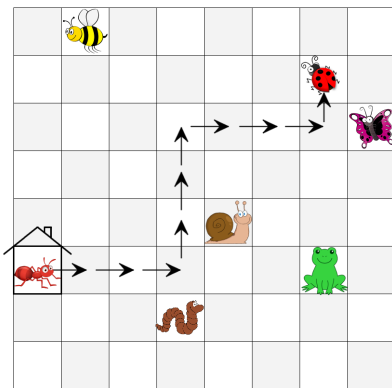
8. Julie is playing with a pair of scales and her toys: crocodile, identical lions and identical ducks. How many ducks balance the crocodile?



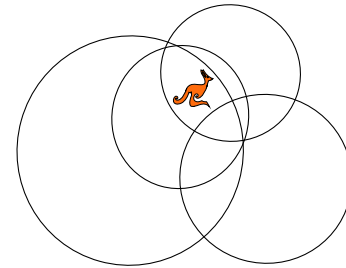
- A) 5 B) 4 C) 3 D) 2 E) 1

9. When the ant goes from home following these arrows:  $\rightarrow 3, \uparrow 3, \rightarrow 3, \uparrow 1$ , it comes to the ladybird. Which animal would it come to, if it went from home following these arrows:  $\rightarrow 2, \downarrow 2, \rightarrow 3, \uparrow 3, \rightarrow 2, \uparrow 2$ ?

- A) B) C) D) E)

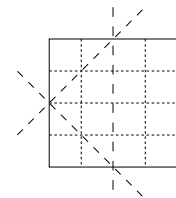


10. The kangaroo is inside how many circles?



- A) 1 B) 2 C) 3 D) 4 E) 5

11. A square was cut into 4 parts as shown in the picture. Which of the following shapes cannot be made with these 4 parts?



- A) B) C) D) E)

12. Which form fits exactly the one given on the right?

- A) B) C) D) E)

Questions for 5 points

13. Put each of the digits 2, 3, 4 and 5 in to a different square and calculate the sum to get the largest value. What is that value?  $\square\square + \square\square$

A) 68 B) 77 C) 86 D) 95 E) 97

14. How many numbers are greater than 10 and less than or equal to 31 which can be written with digits 1, 2 and 3 only? (You can repeat digits.)

A) 2 B) 4 C) 6 D) 7 E) 8