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

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

# 2. In what order do you meet the shapes starting from the arrow?
# 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 smallest to the largest. What animal is in the middle?

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

# 5. Ann has twelve of these tiles with the design. Ann starts at the left side. How does the line end?

(A)  (B)  (C)  (D)  (E)
# 6. Which is the shadow of the girl?

- (A)
- (B)
- (C)
- (D)
- (E)

# 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. How many ducks balance the crocodile?
# 9. When the ant goes from home following these arrows: → 3, ↑ 3, → 3, ↑ 1, it comes to the ladybird.

Which animal would it come to, if it goes from home following these arrows: → 2, ↓ 2, → 3, ↑ 3, → 2, ↑ 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 above?

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

# 13. Walking from K to O along the lines pick up the letters KANGAROO in the correct order. What is the length of the shortest walk in meters?

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

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

(A) 2  (B) 4  (C) 6  (D) 7  (E) 8
# 15. Seven sticks lie on top of each other. Stick 2 is at the bottom. Stick 6 is at the top. Which stick is in the middle?

(A) 1  (B) 3  (C) 4  (D) 5  (E) 7

# 16. How many frogs did the three pelicans catch?

New diagram required.

(A) 1  (B) 2  (C) 4  (D) 9  (E) 12

5 points

# 17. The chess board is damaged. How many black squares on the right side of the line are missing?

(A) 11  (B) 12  (C) 13  (D) 14  (E) 15

# 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?

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

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

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

# 20. Put the digits 2, 3, 4 and 5 in the squares and calculate the sum to get the largest value.

What is that value? 

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

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

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

# 22. To get the product of $2 \times 3 \times 15$, Bill has to press the keys of his calculator seven times: $2 \times 3 \times 15 =$

Bill wants to multiply all numbers from 3 to 21, using his calculator. At least, how many times will he press the keys of his calculator?

(A) 19  (B) 31  (C) 37  (D) 50  (E) 60

# 23. 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 middle cube?

(A) red  (B) blue  (C) green  (D) yellow
(E) impossible to determine

# 24. Cogwheel A turns round completely once. At which place is x now?

(A) a  (B) b  (C) c  (D) d  (E) e