

Ecolier Level: Class (3 & 4)**Max Time: 2 Hours****3-Point Problems**

1. $200 \times 9 + 200 + 9 =$

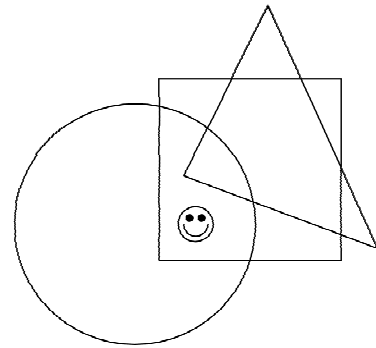
(A) 1909

(B) 2009

2. Where is the smiley?

(A) In the circle and in the triangle, but not in the square.

(B) In the circle and in the square, but not in the triangle.



3. Four sticks have 8 ends. How many ends do six and a half sticks have?

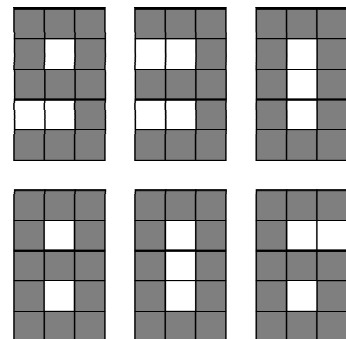
(A) 14

(B) 13

4. On the display there is a number 930 (see the picture). How many little square lights must be switched on/off in order to obtain number 806?

(A) 5

(B) 6



5. Mom has bought 16 apples. Mariam ate half of them, Nazish ate two and Salma ate the rest. How many apples did Salma eat?

(A) 4

(B) 6

6. Hina threw a dice four times and she obtained a total of 23 spots. How many times did she get 6 spots?

(A) 3

(B) 4

7. A movie is 90 minutes long. It started at 17:10. In the middle there were two commercial breaks, one lasting eight minutes and one lasting five minutes. At what time did the movie finish?

(A) At 18:47

(B) At 18:53

8. There are 25 boys and 19 girls in the singing group. Every week 2 more boys and 3 more girls join the singing group. After how many weeks there will be the same number of boys and girls in the singing group?

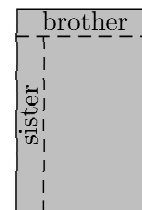
(A) 6

(B) 5

9. Nauman was dividing a chocolate. He broke one row of 5 pieces for his brother and then one row of 7 pieces for his sister in a way you see on the picture. How many pieces did the whole chocolate consist of?

(A) 40

(B) 35

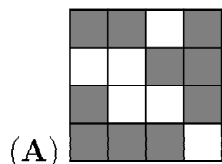
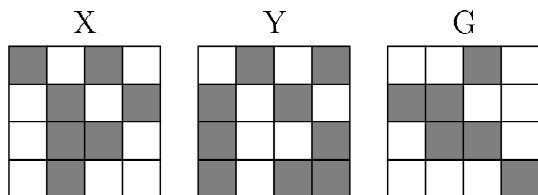


10. A white and a black goat weigh 320 kilos altogether. The black goat weighs 32 kilos more than the white goat. How much does the white goat weigh?

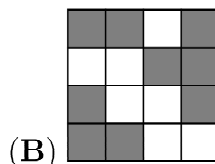
(A) 144 kg

(B) 176 kg

11. Picture X is the partner of picture Y. Which of the following pictures is the partner of G?



(A)



(B)

12. One side of the rectangle is 8 cm long, while the other is half as long. What is the length of a side of a square whose perimeter is the same as the perimeter of the rectangle?

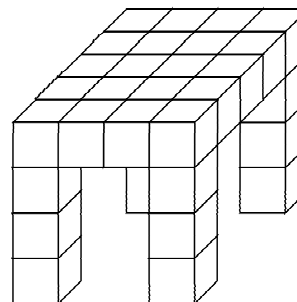
(A) 4 cm

(B) 6 cm

13. Ajaz made a table from small cubes (see the picture). How many cubes did he use?

(A) 28

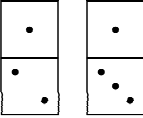
(B) 32

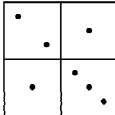


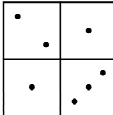
14. Three squirrels Anni, Asia and Pinky collected 7 nuts. They all collected different number of nuts, but each of them found at least one. Anni collected the least, Asia the most of all. How many nuts did Pinky find?

(A) 1

(B) 2

15. Which figure we can not make with the dominos:  ?

(A) 

(B) 

16. A farmer has 30 cows, some chickens but no other animals. The total number of legs of the chickens is equal to the total number of legs of the cows. How many animals altogether does the farmer have?

(A) 60

(B) 90

17. A secret agent wants to break a 6-digit code. He knows that the sum of the digits in the even positions is equal to the sum of the digits in the odd positions. Which of the following numbers could be the code?

(A) $12*9*8$ (B) $181*2*$

18. Ahmad collects photos of famous sportsmen. Each year the number of his photos equals the sum of the numbers of his photos in the previous two years. In 2008 he had 60 photos and this year he has 96 photos. How many photos did he have in 2006?

(A) 36

(B) 24

19. The bucket contains 1 red, 1 blue, 1 yellow, and 1 white flower. Maja, the bee, visits every flower in the bucket only once. She starts with the red flower, and she does not fly directly from the yellow one to the white one. In how many ways can Maja visit all the flowers?

(A) 3

(B) 4

20. In the land Funnyfeet the left foot of each man is two sizes bigger than his right foot, whereas the left foot of each woman is one size bigger. However shoes are always sold in pairs of the same size. To save money, a group of friends bought shoes together. After they all put on the shoes that fitted them, there were exactly two shoes left over, one of the size 36 and another of size 45. What is the smallest possible number of people in the group?

(A) 5

(B) 6