



Kangaroo 2018 Mini-Ecolier

(2nd and 3rd grade)

NAME _____ CLASS _____

Points: _____ Kangaroo leap: _____

Separate this answer sheet from the test. Write your answer under each problem number.

For each right answer you get 3, 4, or 5 points. There is exactly one correct answer for each problem.

For each wrong answer, $\frac{1}{4}$ of the points of the problem will be deducted, for example for a 4-point problem -1 point. If you leave the answer empty, no deduction will be made.

There are two goals: to get as many points as possible, or to get as many consecutive right answers as possible.

3 points

PROBLEM	1	2	3	4	5	6
ANSWER						

4 points

PROBLEM	7	8	9	10	11	12
ANSWER						

5 points

PROBLEM	13	14	15	16	17	18
ANSWER						

Contest not to be held before 15th of March.

Logo design by Veijo Nurminen.

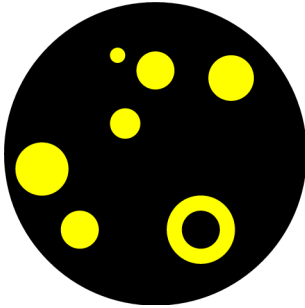


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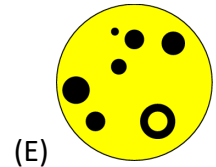
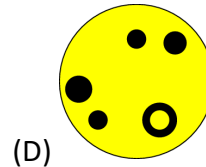
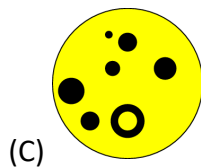
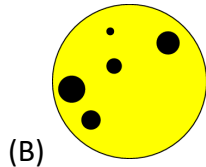
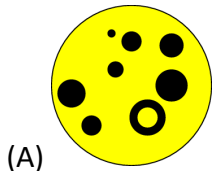
(2nd and 3rd grade)

3 points

1.



What figure do we get if the colours are flipped?



2.

Emily glues 4-pointed stars on top of each other as seen in the picture. At least how many stars does Emily need?



(A) 5

(B) 6

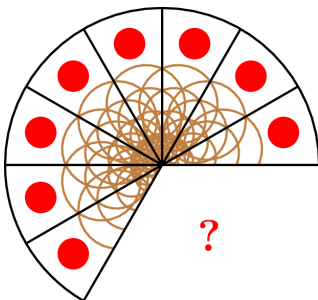
(C) 7

(D) 8

(E) 9

3.

Anne cut the pizza to equal sized slices. How many slices have been eaten?



(A) 1

(B) 2

(C) 3

(D) 4

(E) 5

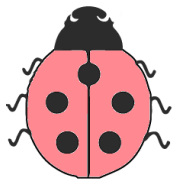


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4.

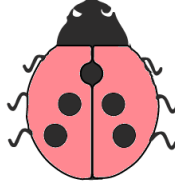
Which ladybug should fly away so that there would be 20 dots left altogether?



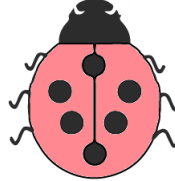
(A)



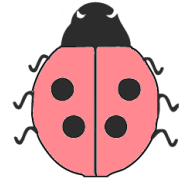
(B)



(C)



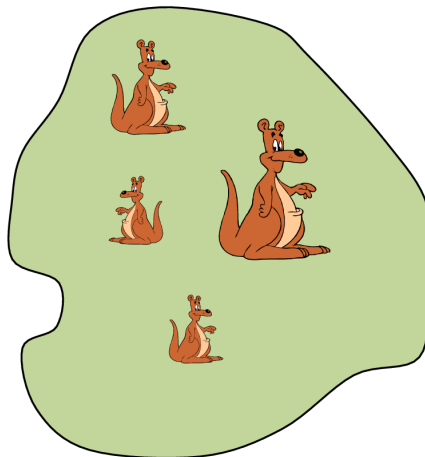
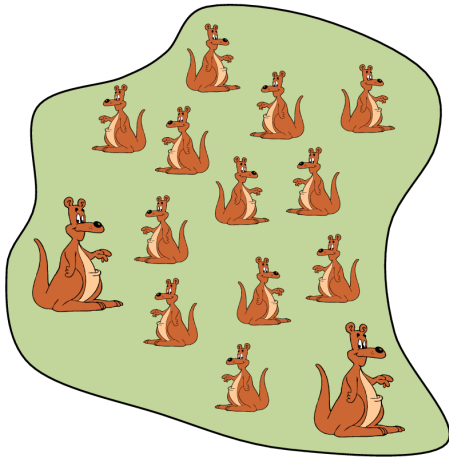
(D)



(E)

5.

How many kangaroos will have to jump from one park to another in order to have as many kangaroos in both parks?



(A) 4

(B) 5

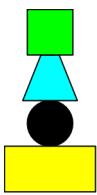
(C) 6

(D) 8

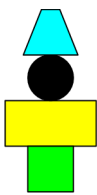
(E) 9

6.

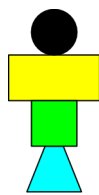
Mary is building towers according to a pattern. What does the fourth tower look like?



1



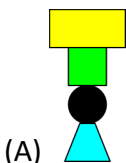
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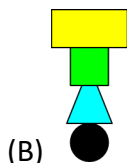
3

?

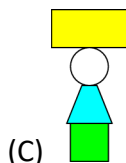
4



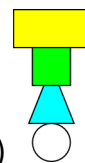
(A)



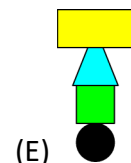
(B)



(C)



(D)

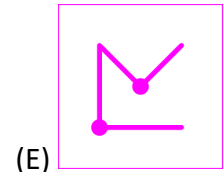
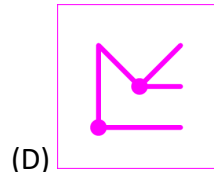
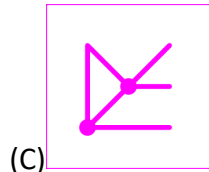
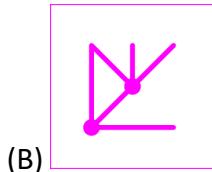
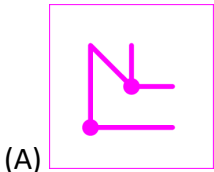
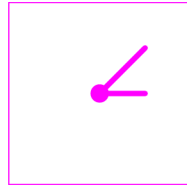
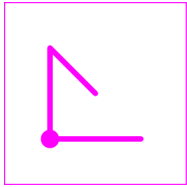


(E)



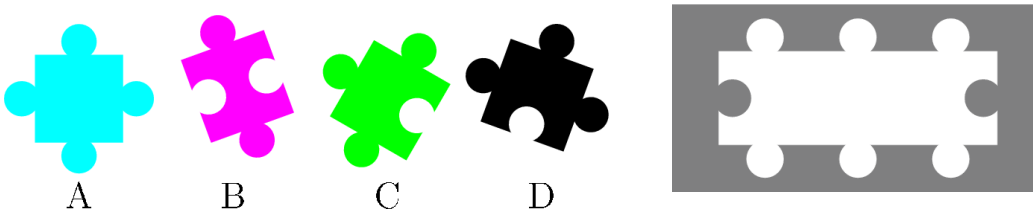
10.

The two squares in the picture are put one upon the other. What figure do they form?



11.

Selma has got four pieces but she only needs three for the puzzle. Which one of the pieces is left over?



(A) A

(B) B

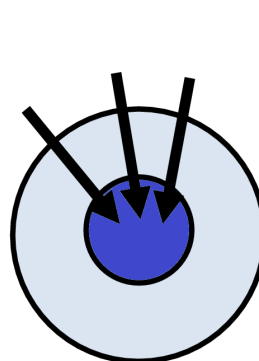
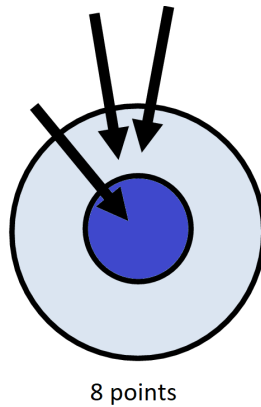
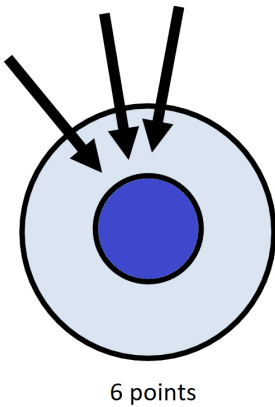
(C) C

(D) D

(E) C or D

12.

At first, Lisa scored 6 points by shooting 3 arrows. Then, on the second round, she scored 8 points. How many points did Lisa score on the third round?



(A) 8

(B) 10

(C) 12

(D) 14

(E) 16



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5 points

13.

One ice cream costs one euro. There is an offer: you can buy 6 ice creams for 5 euros. Vera has 36 euros. How many ice creams is she able to buy?



- (A) 36 (B) 30 (C) 42 (D) 43 (E) 45

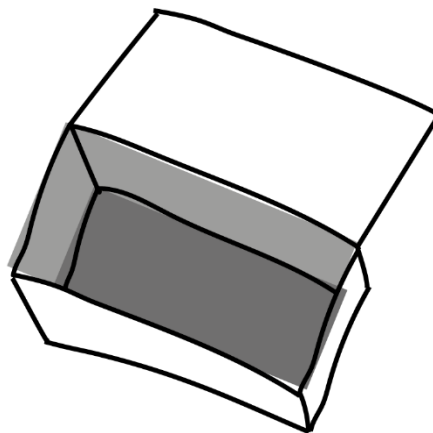
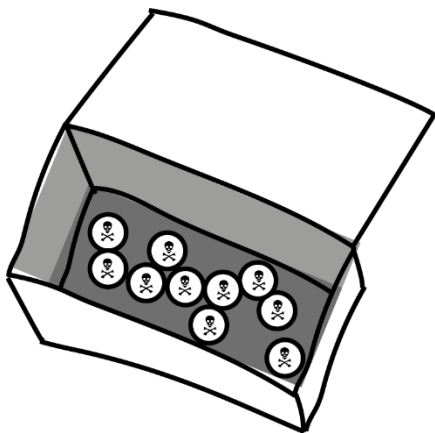
14.

You can only use the digits 2, 0, 1 and 8. How many integer numbers bigger than 10 but smaller than 25 are you able to build from them? You can use each digit as many times as you like.

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

15.

The pirate has two caskets. There are 10 coins in the casket on the left, and the other casket is empty. Starting tomorrow, the pirate puts each day one coin into the casket on the left and two coins into the casket on the right. In how many days will there be as many coins in both caskets?



- (A) 5 (B) 8 (C) 10 (D) 12 (E) Never

16.

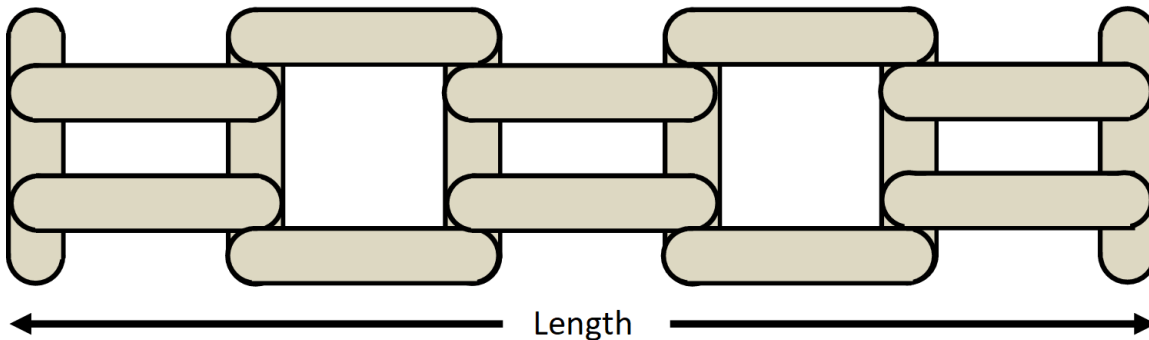
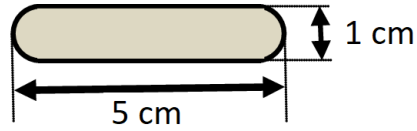
Tina has 3 white, 2 black and 2 grey papers. She cuts all of the papers to half except for the black papers. After that, she cuts all of the papers to half except for the white papers. How many papers does Tina have in the end?

- (A) 14 (B) 16 (C) 17 (D) 18 (E) 20



17.

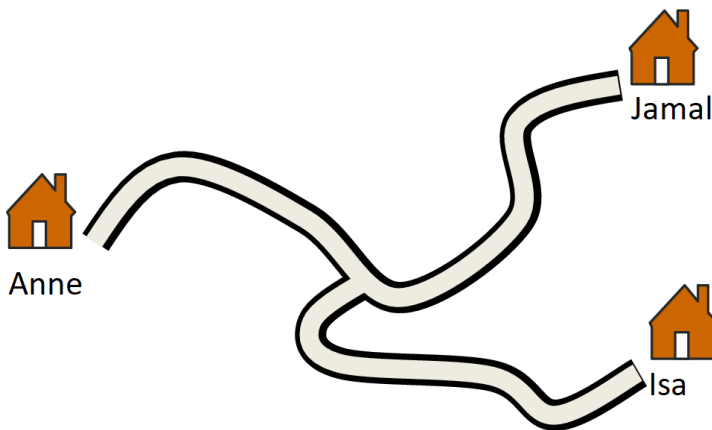
Maya has little sticks that are 5 cm long and 1 cm wide. Using the sticks, she builds the fence shown in the picture. How long is the fence?



- (A) 20 cm (B) 21 cm (C) 22 cm (D) 23 cm (E) 25 cm

18.

From Isa's home it is 16 km to Anne's.
From Anne's home it is 20 km to Jamal's.
From the crossroads it is 9 km to Anne's.
How long is the distance between Isa's and Jamal's homes?



- (A) 7 km (B) 9 km (C) 11 km (D) 16 km (E) 18 km