



Kangaroo 2017 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.

A right answer gives 3, 4 or 5 points. Every problem has exactly one right answer.

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 score as many points as possible or to have as many consecutive right answers as possible (Kangaroo leap).

**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						

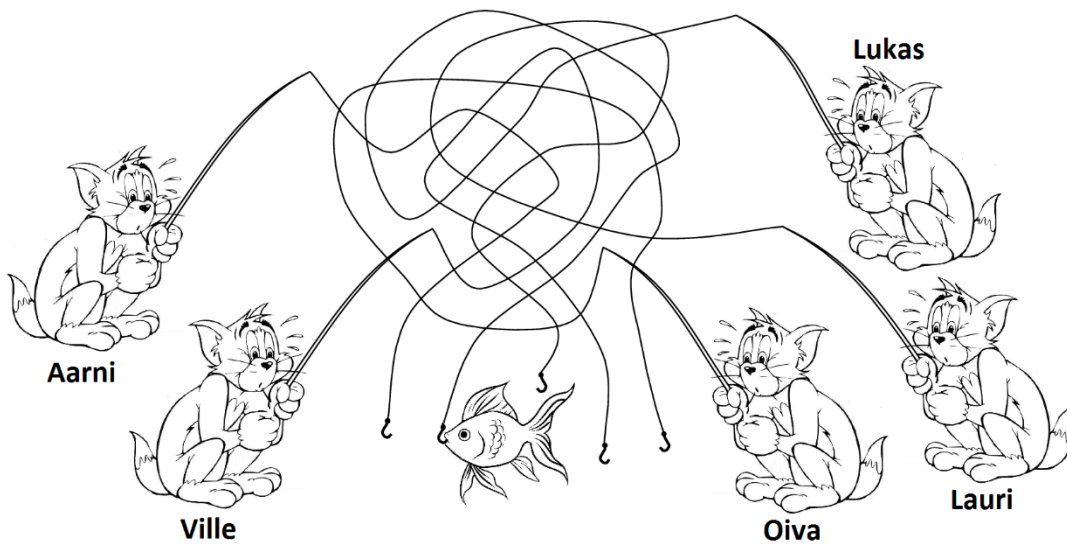
Contest not to be held before 16th of March.

Logo design by Petra Siilanen.

3 points

1.

Who gets the fish?



(A) Aarni

(B) Ville

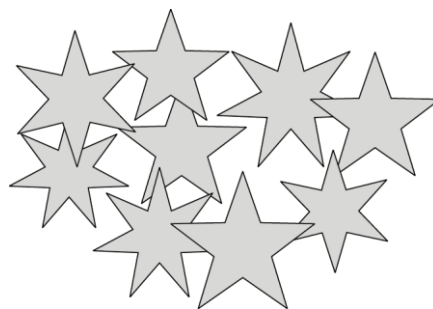
(C) Oiva

(D) Lukas

(E) Lauri

2.

In the picture there are 5-pointed, 6-pointed and 7-pointed stars. How many 5-pointed stars are there in the picture?



(A) 2

(B) 3

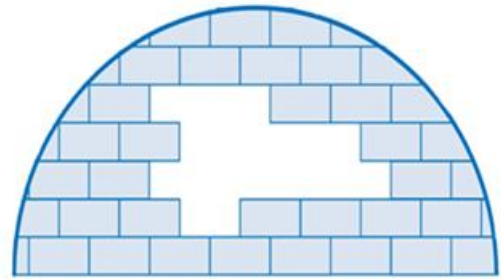
(C) 4

(D) 5

(E) 9

3.

How many bricks are missing from the igloo?



(A) 8

(B) 9

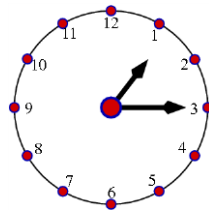
(C) 10

(D) 11

(E) 12

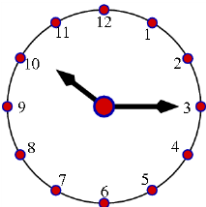
4.

The time is now:

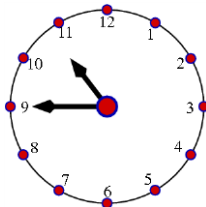


What was the time two and a half hours ago?

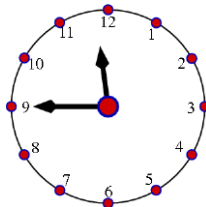
(A)



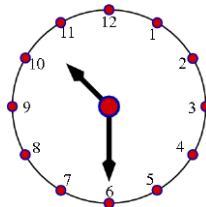
(B)



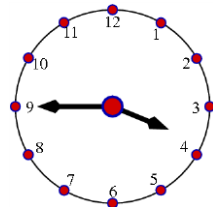
(C)



(D)

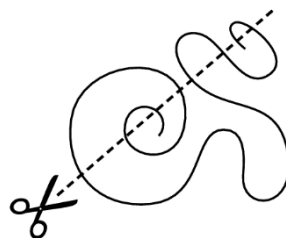


(E)



5.

In how many parts will the string be after cutting?



(A) 5

(B) 6

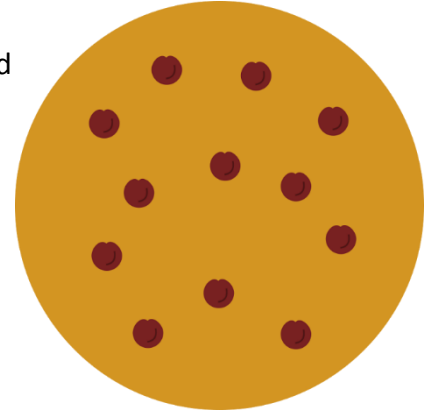
(C) 7

(D) 8

(E) 9

6.

Kids eat the cherry pie in the picture - without permission! Each kid eats a piece with three cherries and then the pie is finished. How many kids are there?



(A) 3

(B) 4

(C) 5

(D) 6

(E) 8

4 points

7.

Four of the numbers 1, 3, 4, 5 and 7 are placed in the boxes so that the equation is correct. Which number is left over?

$$\square + \square = \square + \square$$

(A) 1

(B) 3

(C) 4

(D) 5

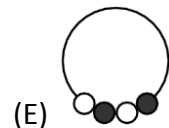
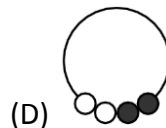
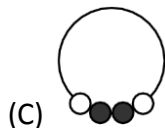
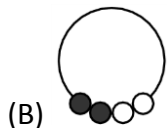
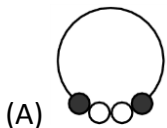
(E) 7

8.

Here is a necklace:

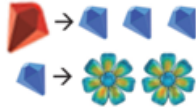


Which of the following is the same necklace?



9.

On the market fair in Kangaroo Land you can trade a ruby for three sapphires and a sapphire for two flowers.

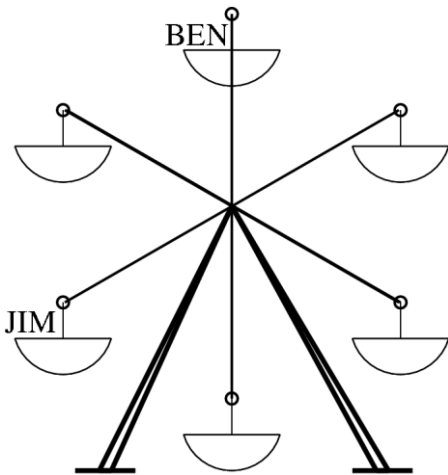


How many flowers can you get with two rubies?

- (A) 6                      (B) 8                      (C) 10                      (D) 12                      (E) 14

10.

Jim and Ben are riding a small Ferris wheel as pictured.

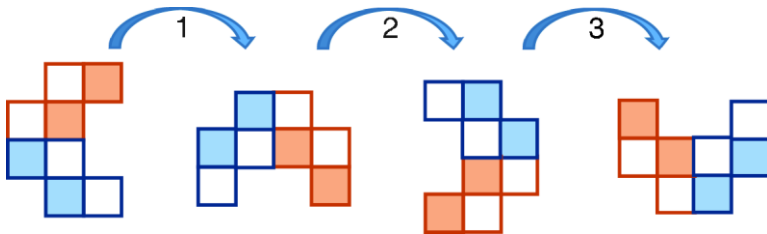


The wheel turns and Ben ends up in the place Jim was in the picture above. Where is Jim now?

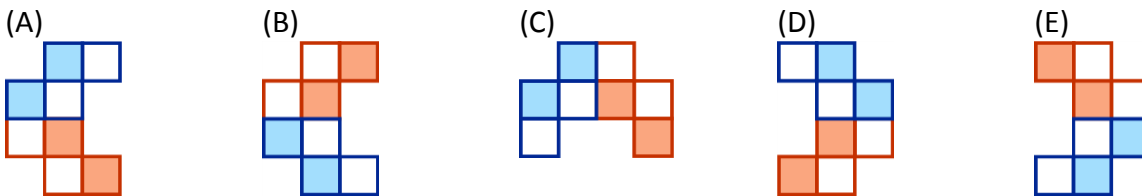
- (A) (B) (C) (D) (E)

11.

Hertta is turning a picture with squares. The three first turns look like this:



What does the picture look like after the 10th turn?



12.

Tytti and Saimi are queueing to the movies. There are 11 people in the queue, and 7 of them are in front of Tytti. Saimi is standing right behind Tytti. How many people are standing behind Saimi?

- (A) 2                      (B) 3                      (C) 4                      (D) 5                      (E) 6

5 points

13.

In the table, the correct additions were performed in the squares according to the pattern shown. Unfortunately, a bad kangaroo poured paint on the table.

What number should replace the question mark?

+	10	7
5	15	12
	14	?

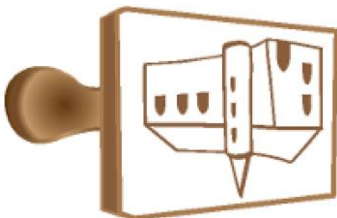
- (A) 10                      (B) 11                      (C) 12                      (D) 13                      (E) 15

14.

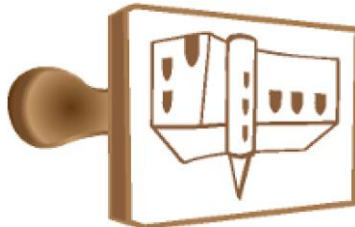
Which stamp has been used to get the picture below?



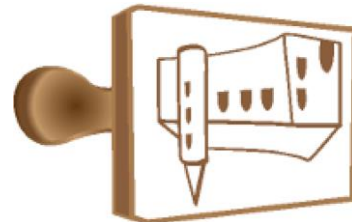
(A)



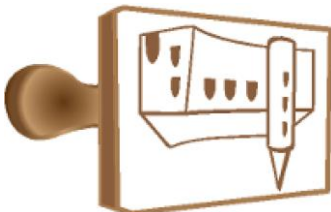
(B)



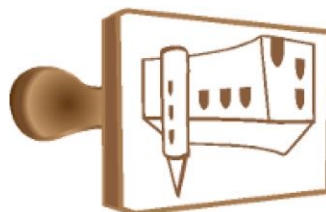
(C)



(D)



(E)



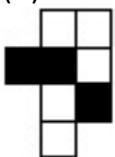
15.

A small kangaroo has two pieces of cardboard like this:

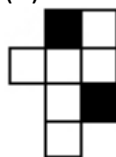


They are painted on one side only. Which of the following figures can the kangaroo form?

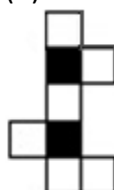
(A)



(B)



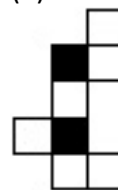
(C)



(D)



(E)



16.

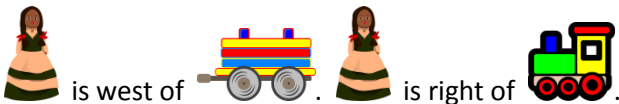
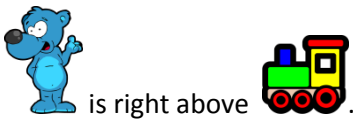
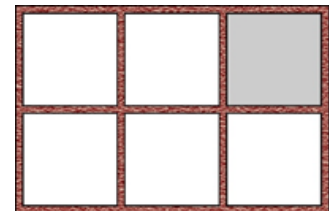
The kangaroo in the picture jumps 10 times during one minute and then rests for 3 minutes. Next it jumps again 10 times in one minute and rests for 3 minutes, and so on. What is the shortest time it takes the kangaroo to jump 40 times?



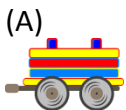
- (A) 5 minutes      (B) 6 minutes      (C) 9 minutes      (D) 13 minutes      (E) 21 minutes

17.

A small kangaroo places six toys to the shelf pictured, each to its own slot. When the kangaroo looks at the shelf, she sees that



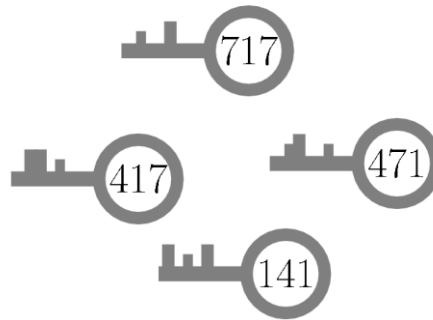
Which toy is in the slot marked grey?





18.

Every padlock has its own key. There is a code: the digits in the keys correspond to the letters in the locks. What does it say in the last lock?



(A) GDA

(B) ADG

(C) GAD

(D) GAG

(E) DAD