



Kangaroo 2016 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.

From 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.

PROBLEM	1	2	3	4	5	6
ANSWER						

PROBLEM	7	8	9	10	11	12
ANSWER						

PROBLEM	13	14	15	16	17	18
ANSWER						

Contest not to be held before March 17th 2016.

Logo design by Jenna Tuupanen.

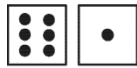


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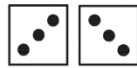
3 point

1.

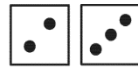
Anni, Bert, Camilla, David and Eemeli each rolled two dice and added the number of dots. Who rolled the largest total?



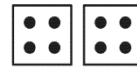
Anni



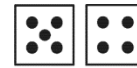
Bert



Camilla



David



Eemeli

(A) Anni

(B) Bert

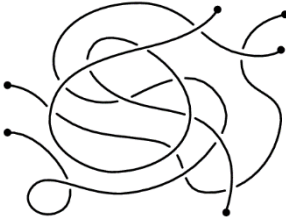
(C) Camilla

(D) David

(E) Eemeli

2.

How many ropes are there in the picture?



(A) 2

(B) 3

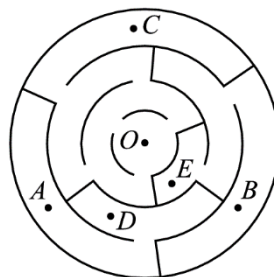
(C) 4

(D) 5

(E) 6

3.

Which point of the labyrinth can we reach starting from the point *O*?



(A) *A*

(B) *B*

(C) *C*

(D) *D*

(E) *E*

4.

Which letter on the board is **not** in the word "KOALA"?



(A) R

(B) L

(C) K

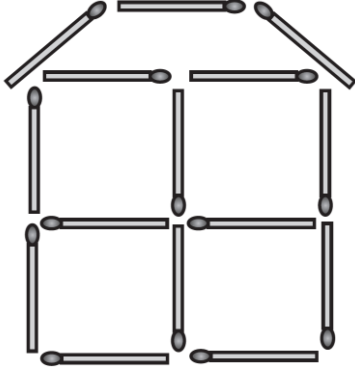
(D) N

(E) O



5.

Sari built a house with matches as in the picture. How many matches did she use?



(A) 19

(B) 18

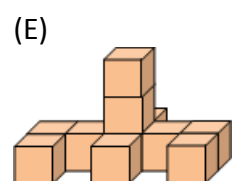
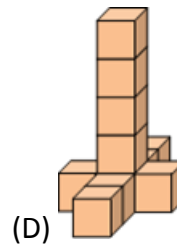
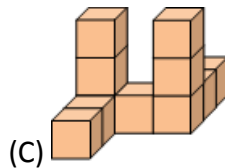
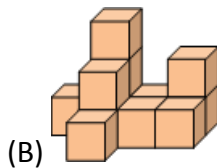
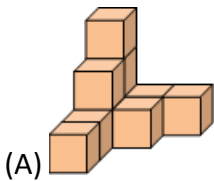
(C) 17

(D) 15

(E) 13

6.

Which shape can be made with 10 cubes?



4 points

7.

In a cave, there were only two seahorses, one goldfish and three turtles. Later, five seahorses, three goldfish and four turtles joined them. How many sea animals gathered in the cave?

(A) 6

(B) 9

(C) 12

(D) 15

(E) 18

8.

In a street the houses are numbered 1, 2, 3, 4, and so on. Tiia had to deliver flyers about recycling to all houses numbered from 25 to 57. How many houses did she deliver to?

(A) 31

(B) 32

(C) 33

(D) 34

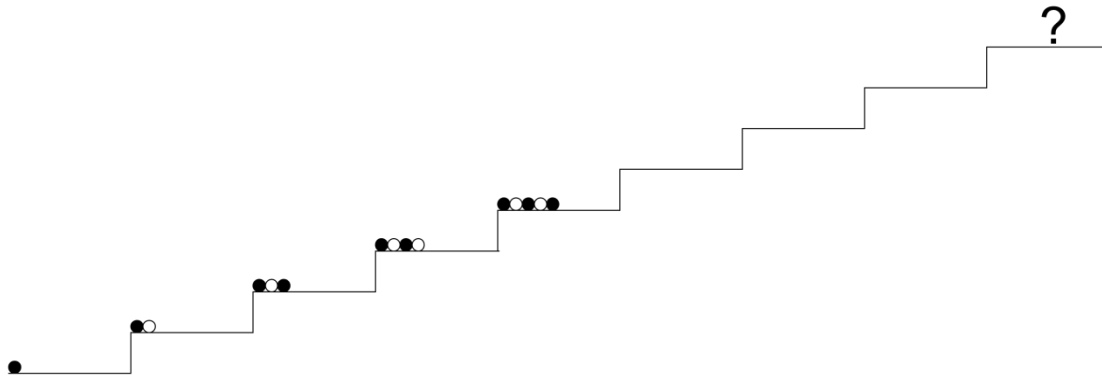
(E) 35



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9.

Johanna arranges balls on a stairway in a pattern as in the picture. How will the balls be arranged on the step with the question mark?



(A)

(B)

(C)

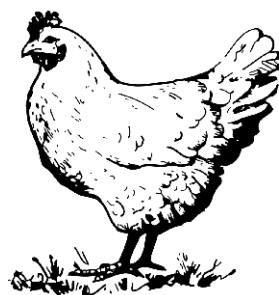
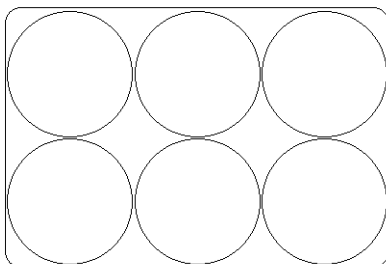
(D)

(E)



10.

The hens of Satu lay white or brown eggs. Satu puts six eggs in the box below. Two brown eggs cannot touch each other. At most, how many brown eggs can Satu put in the box?



(A) 1

(B) 2

(C) 3

(D) 4

(E) 5



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11.

One year has 12 months. Kanga is 1 year and 3 months old now. In how many months will Kanga be 2 years old?

- (A) 3 (B) 5 (C) 7 (D) 8 (E) 9

12.

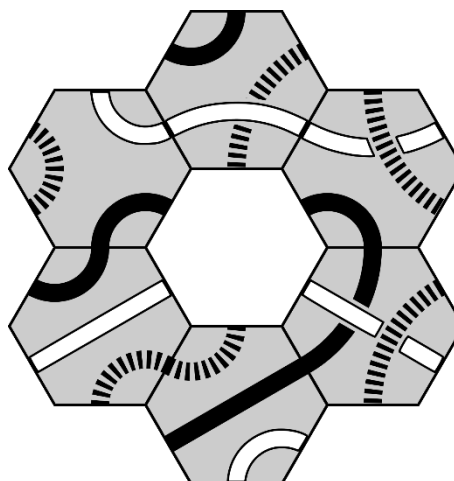
Pirjo went out to the yard and called all the hens and her cat. All 20 legs ran to her. How many hens does Pirjo have?

- (A) 11 (B) 9 (C) 8 (D) 6 (E) 4

5 points

13.

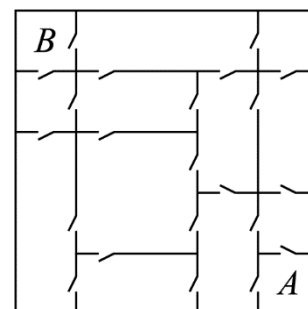
Which tile fits to the middle?



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

14.

In Baby Roo's house, each room is connected to any neighboring room by a door (see the picture). Baby Roo wants to get from the room A to the room B. What is the least number of doors that he will need to go through?



- (A) 3 (B) 4 (C) 5 (D) 6 (E) 7



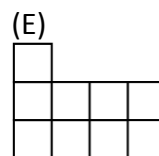
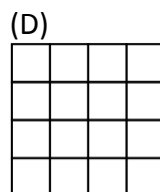
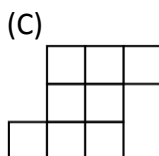
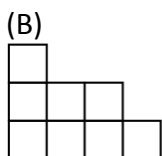
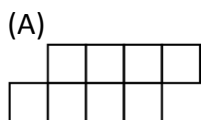
15.

The sum of the ages of Pentti and Sirkku is 12. What is the sum of their ages in 4 years?

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

16.

Which of the following figures **cannot** be built using figures like ?










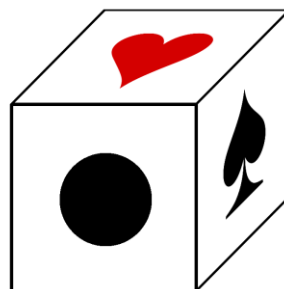
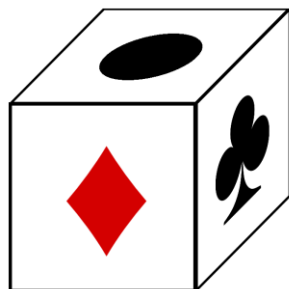
17.

There are twelve rooms in a building and each room has two windows and one light. Last evening, eighteen windows were lit. In how many rooms was the light off?

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

18.

On each of six faces of a cube, there is one of the following six symbols: , , , , , and . On each face there is a different symbol. In the picture we can see the cube shown in two different positions. Which symbol is opposite of ?



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