



Kenguru 2015 Mini-Ecolier

(2nd and 3rd grade)

NAME _____

CLASS _____

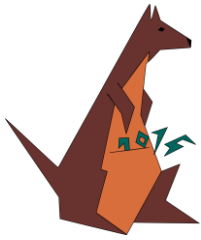
Points: _____ Kangaroo leap: _____

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 points 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						



3 points

1.

How many dots do the ladybirds have in total?



(A) 17

(B) 18

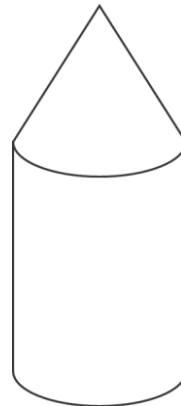
(C) 19

(D) 20

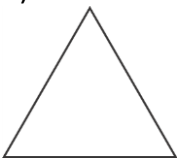
(E) 21

2.

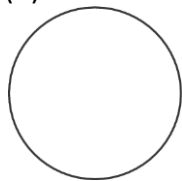
What does the round tower look like from above?



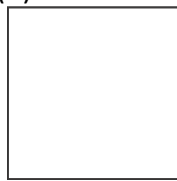
(A)



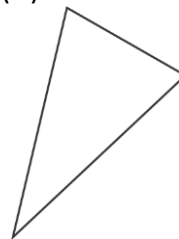
(B)



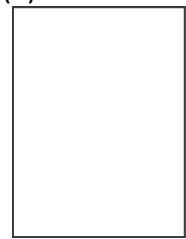
(C)

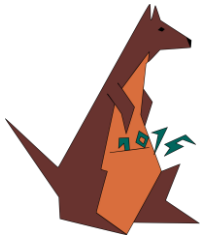


(D)



(E)





3.

How many triangles are there in the picture?



(A) 3

(B) 4

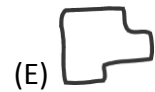
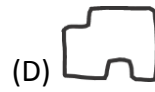
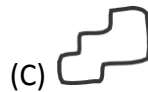
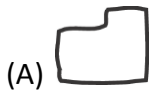
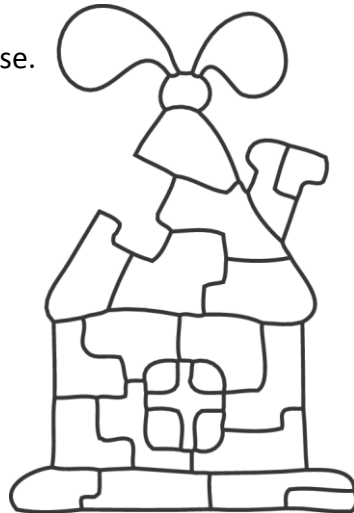
(C) 5

(D) 6

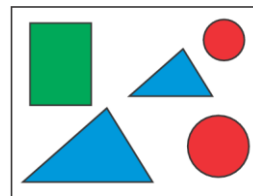
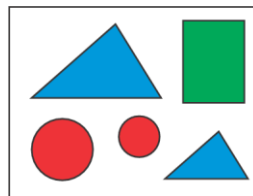
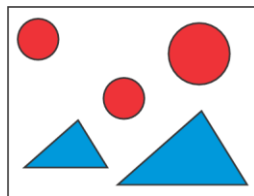
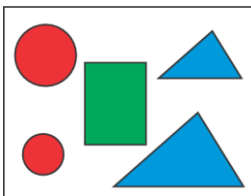
(E) 7

4.

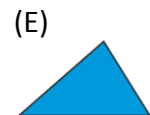
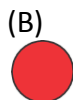
Find the missing part of the house.

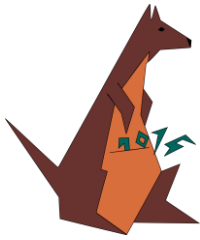


5.

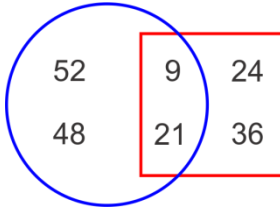


Which figure is not in each of the four pictures?





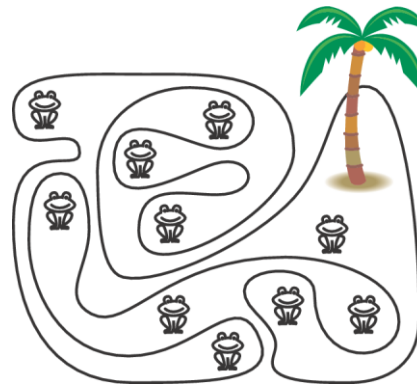
6.
What is the sum of the numbers outside the square?



- (A) 30 (B) 45 (C) 60 (D) 90 (E) 100

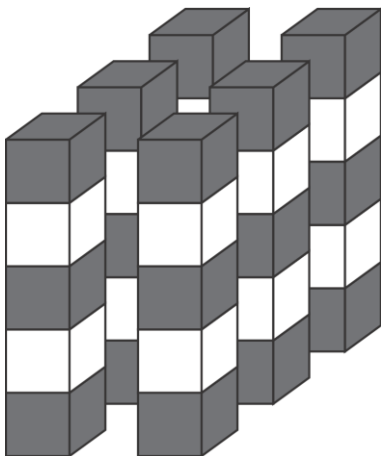
4 points

7.
The island in the picture is very curvy.
How many of the frogs are on dry land?

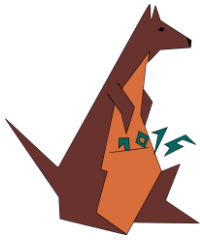


- (A) 5 (B) 6 (C) 7 (D) 8 (E) 9

8.
Six identical towers are built of grey and white cubes. How many white cubes are there?

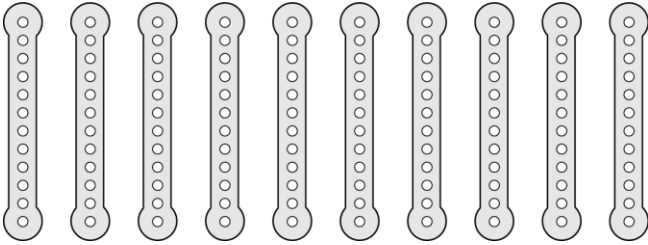


- (A) 10 (B) 11 (C) 12 (D) 18 (E) 30

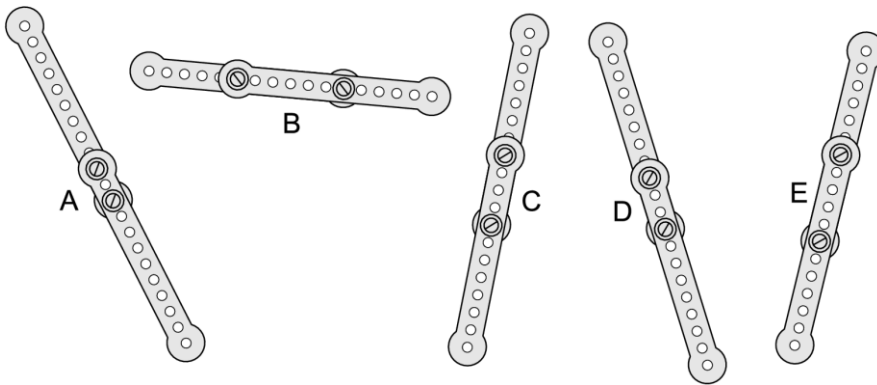


9.

Ella has 10 metal strips.



She screws pairs of them together into five long strips. Which strip is the shortest?



(A) A

(B) B

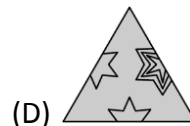
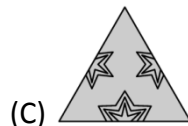
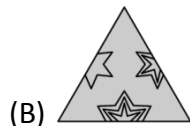
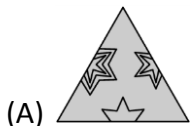
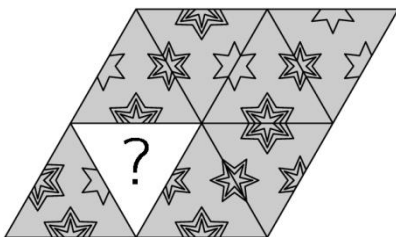
(C) C

(D) D

(E) E

10.

Which piece is missing?



11.

Marko has 9 sweets and Tomi 17 sweets. How many sweets does Tomi need to give Marko so that each boy would have the same number of sweets?

(A) 2

(B) 3

(C) 4

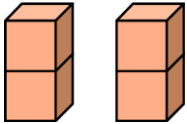
(D) 5

(E) 6

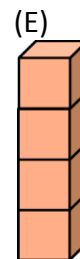
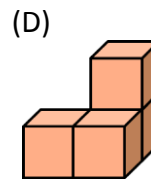
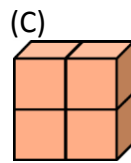
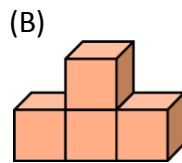
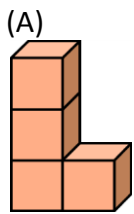


12.

Oiva made two towers by gluing two blocks together.



Then he glued the towers together. Which result is impossible?



5 points

13.

Mother ordered two pizzas for Veeti's birthday party. She cut each of the pizzas into 8 slices. How many slices were left after 14 kids had each taken one?

(A) 1

(B) 2

(C) 3

(D) 4

(E) 5

14.

There were 11 flags alongside a straight race track. The first flag was at the start and the last second at finish. The distance between flags was 8 meters. How long was the track?

(A) 24 meters

(B) 48 meters

(C) 72 meters

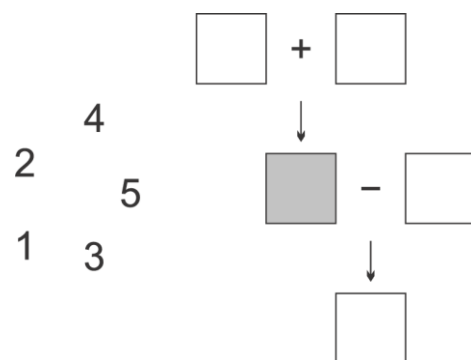
(D) 80 meters

(E) 88 meters

15.

Place the numbers 1, 2, 3, 4, 5 each into one box so that everything is correct.

Which number goes to the grey box?



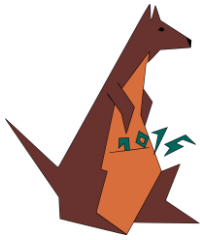
(A) 1

(B) 2

(C) 3

(D) 4

(E) 5

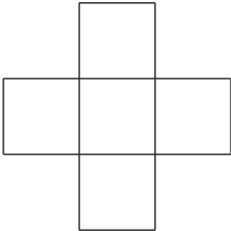
**16.**

Pirates are climbing a rope to board a ship. The captain is in the middle, and he is the 8th pirate from the beginning. How many pirates are climbing the rope?

- (A) 8 (B) 12 (C) 13 (D) 15 (E) 17

17.

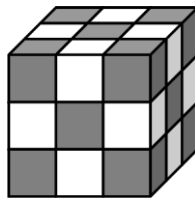
The numbers 3, 5, 7, 8, and 9 are written into the squares so that the sum of the numbers in the row is equal to the sum of the numbers in the column. Which number goes to the middle square?



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

18.

Saimi built a cube using small grey and white cubes (see figure). The small cubes with same colour are not next to (or on top of) each other. What can be said about the number of the cubes?



- (A) There is one grey cube more than white cubes.
(B) There is one white cube more than grey cubes.
(C) There are equally many grey and white cubes.
(D) There are two more white cubes than grey cubes.
(E) There are two more grey cubes than white cubes.