

Kangourou Sans Frontières



PreEcolier Test First Grade

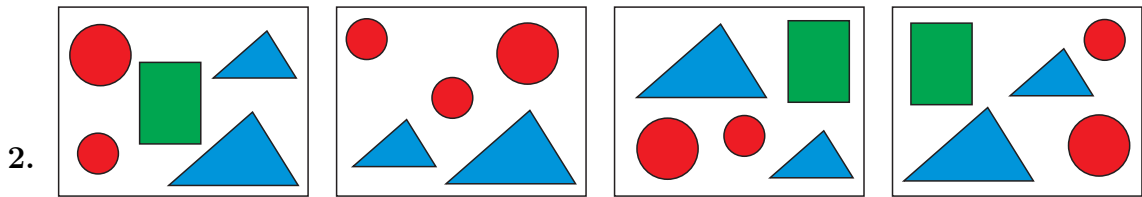
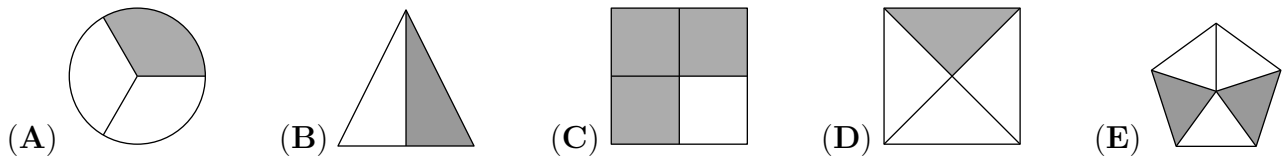
Name: _____

Institution: _____ Grade: _____

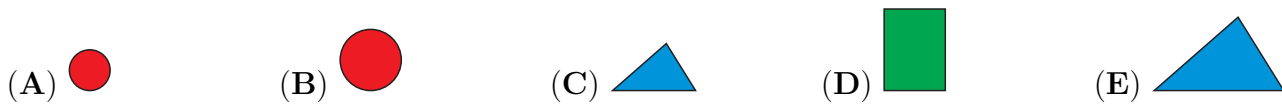
Costa Rica 2015

3 points

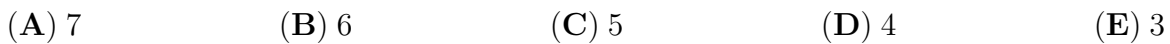
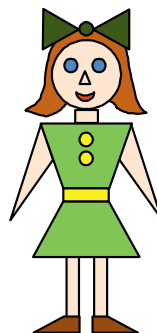
1. Which figure has one half shaded?



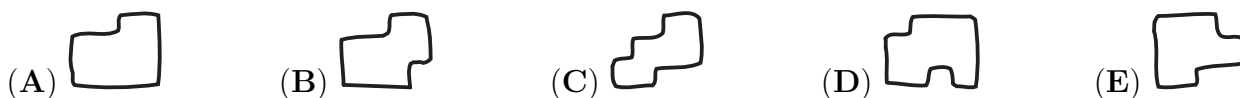
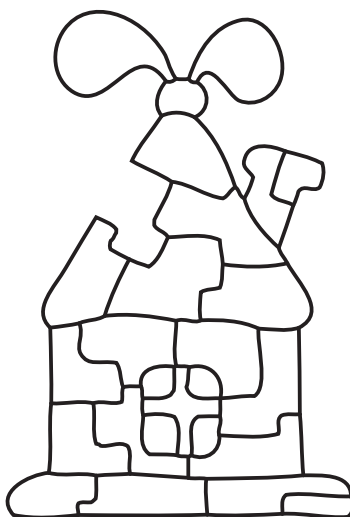
Which figure is not in each of four pictures?



3. How many triangles are there in the picture?

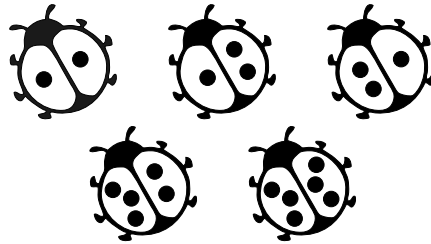


4. Find the missing part of the house.



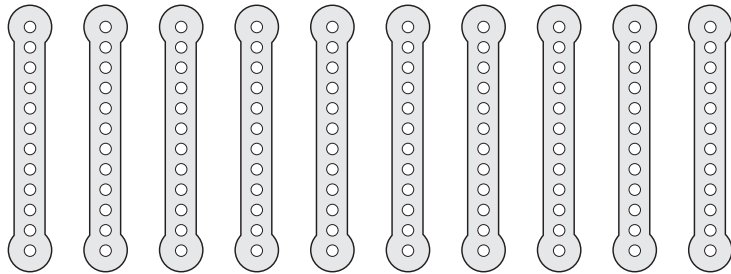
4 points

5. Five lady-birds live on a bush. In total, how many spots have the lady-birds?

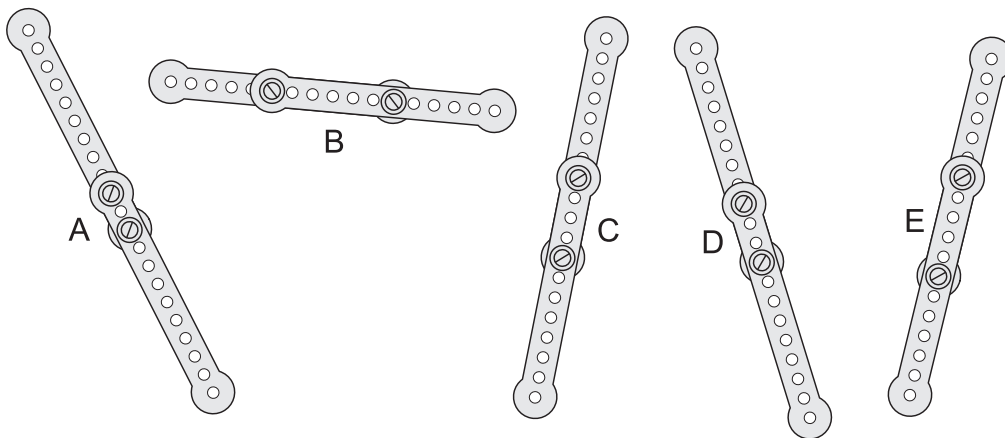


- (A) 17 (B) 18 (C) 19 (D) 20 (E) 21

6. Eric had 10 equal metal strips.

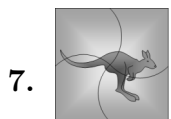


He has screwed pairs of them together into five long strips.



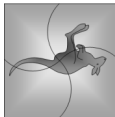
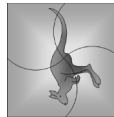



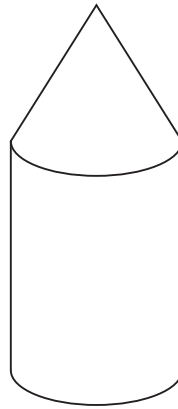
Which strip is the shortest?

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

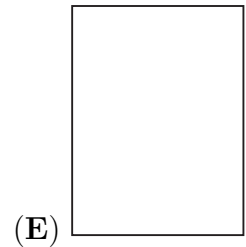
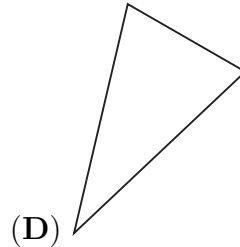
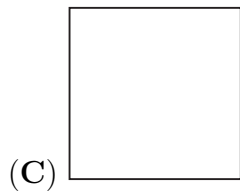
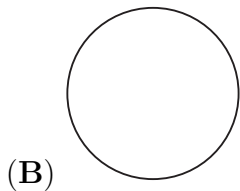
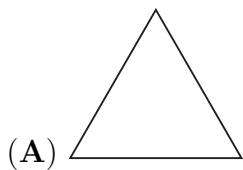


Which of the following pictures can be rotated so that it will coincide with the picture?

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

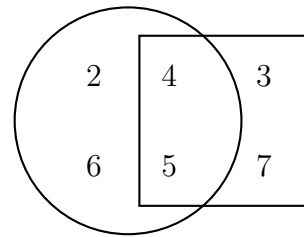


8. What does the round tower looks like from above?



5 points

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



(A) 12

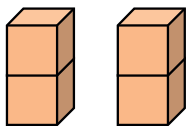
(B) 11

(C) 10

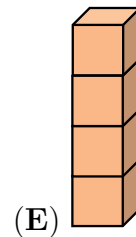
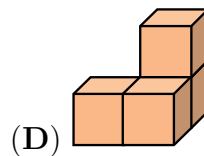
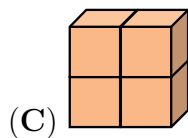
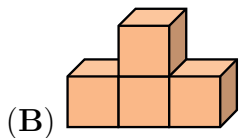
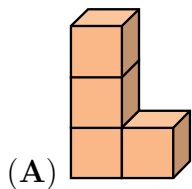
(D) 9

(E) 8

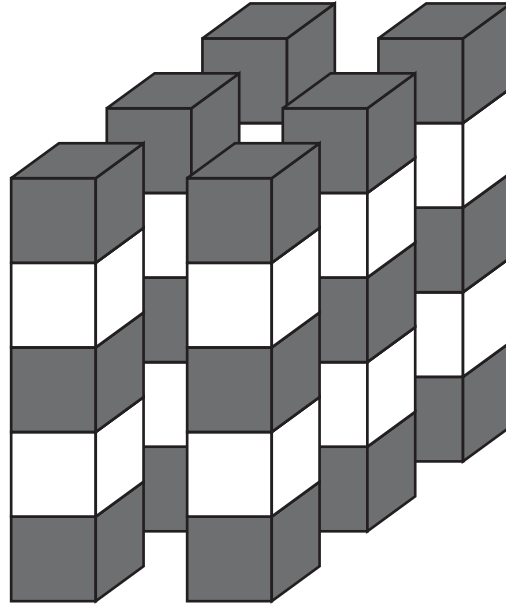
10.



Don made two bricks by sticking two cubes together. Which construction cannot be built of these two bricks?

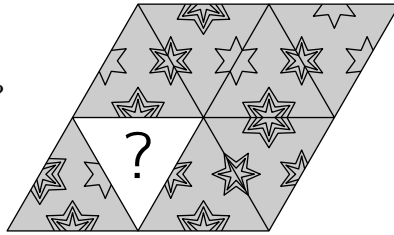


11. Six towers are built exactly the same. How many white cubes are there?



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

12. Which piece is missing?



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