Pre-Ecolier

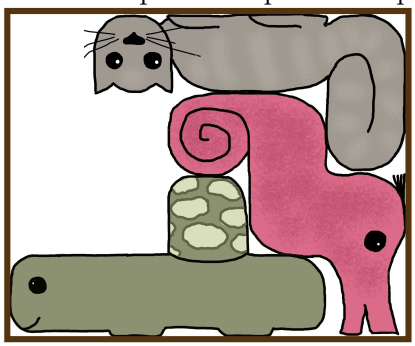
3 points

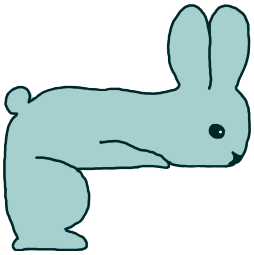
1. The picture on the right shows a ladybird. Which of the options below shows the same ladybird?



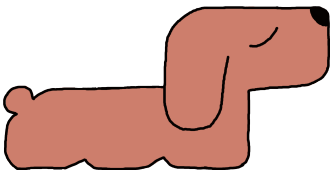
(**A**)  (**B**)  (**C**)  (**D**)  (**E**) 

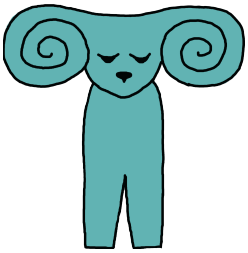
2. Which piece completes the puzzle?

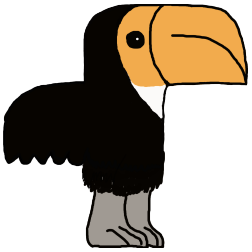


(**A**) 

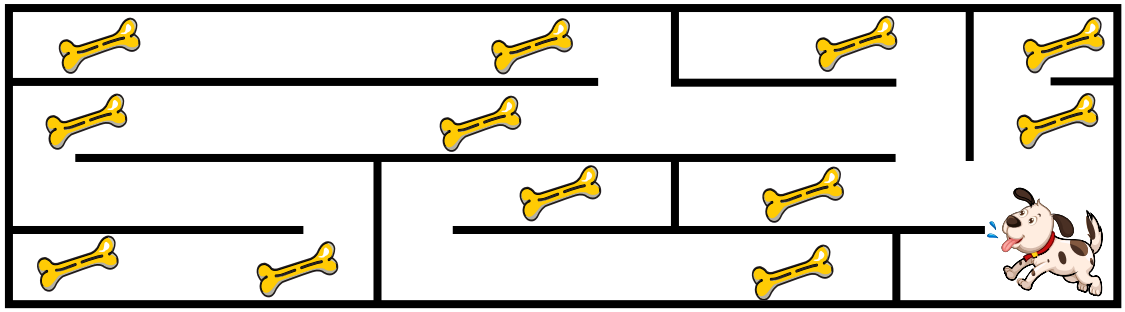
(**B**) 

(**C**) 

(**D**) 

(**E**) 

3. The dog runs through the maze shown.



In total, how many bones can the dog reach?

(**A**) 8 (**B**) 9 (**C**) 10 (**D**) 11 (**E**) 12

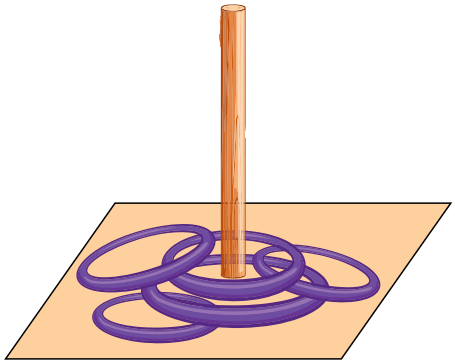
4. Anne's friends come to visit and take off their shoes. Their shoes are shown in the picture.



How many friends have come to visit?

(**A**) 6 (**B**) 7 (**C**) 8 (**D**) 12 (**E**) 14

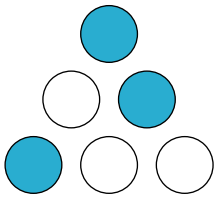
5. In a ring toss game, players score 3 points for each ring that lands on the peg.



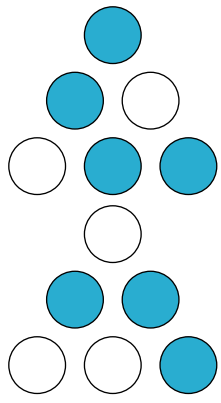
In total, how many points do the players score in the game shown?

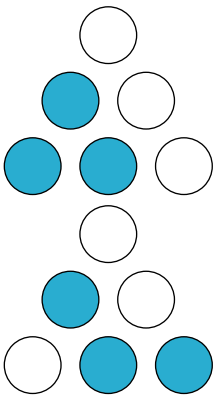
(**A**) 3 (**B**) 6 (**C**) 9 (**D**) 12 (**E**) 15

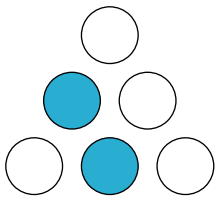
6. Bernard starts with 6 tokens on the table, as shown in the picture.



Each token is blue on one side and white on the other. What will Bernard see after he turns over every token once?

(**A**) 

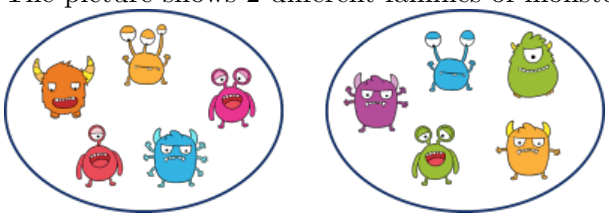
(**B**) 

(**C**) 

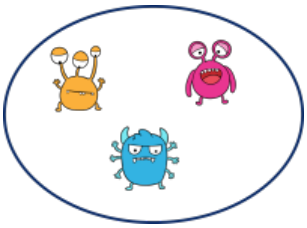
(**D**)

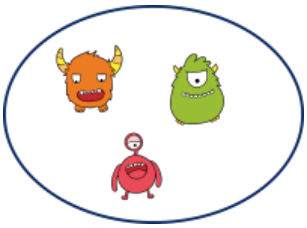
(**E**)

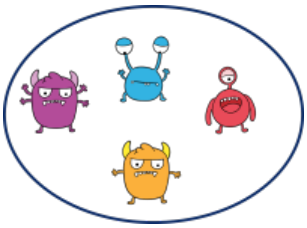
7. The picture shows 2 different families of monsters.

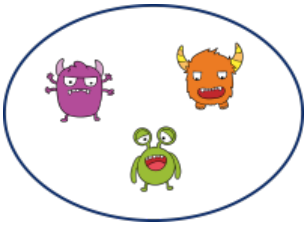


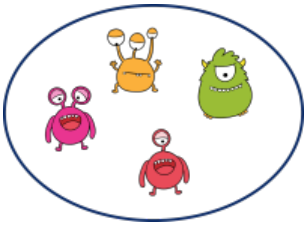
Which of these groups is made up of monsters from the same family?

(**A**) 

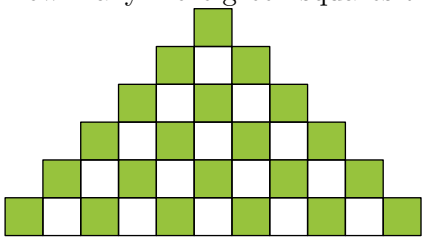
(**B**) 

(**C**) 

(**D**) 

(**E**) 

8. How many more green squares than white squares are there in the picture?



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

4 points

9. Abigail writes the first three letters of the alphabet on a window. She then draws a heart after the final letter.



What can be seen from the other side of the window?

(**A**) 

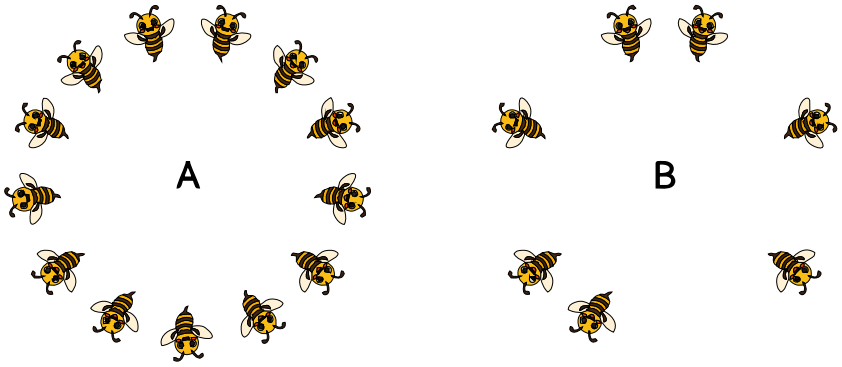
(**B**) 

(**C**) 

(**D**) 

(**E**) 

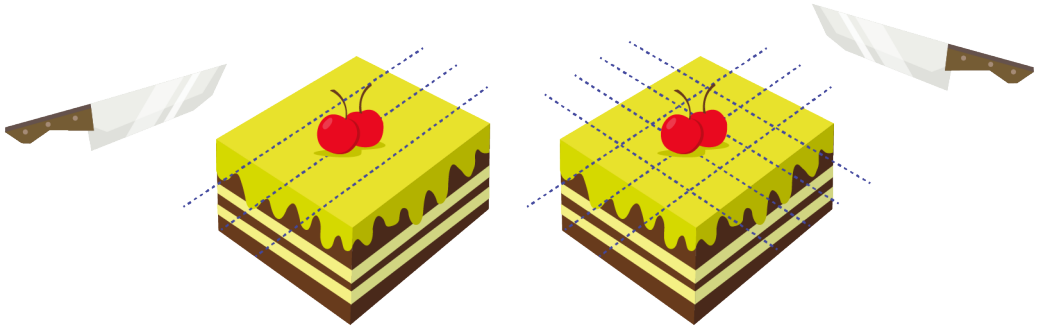
10. Some bees are standing in two circles.



How many bees must move from circle A to circle B so that there are the same number of bees in each circle?

(**A**) 1 (**B**) 2 (**C**) 3 (**D**) 4 (**E**) 5

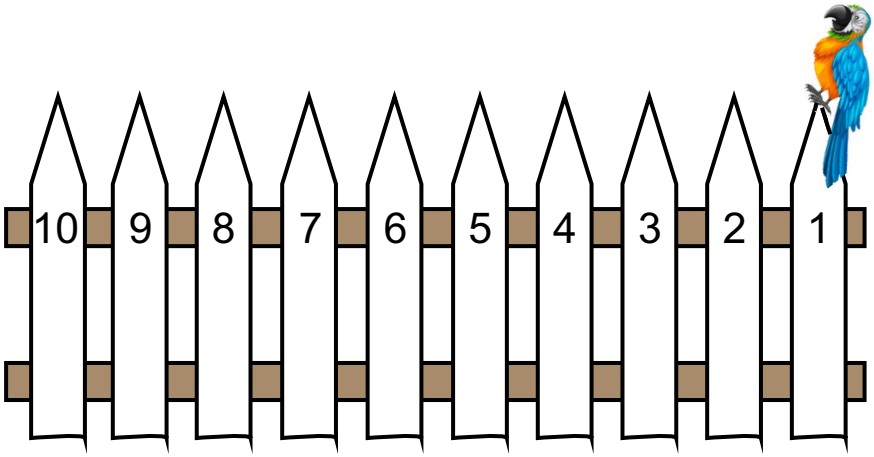
11. Grandma divides a cake with 3 cuts. Then she turns the cake and makes 4 more cuts, as shown in the picture.



How many pieces of cake are there now?

(**A**) 14 (**B**) 16 (**C**) 18 (**D**) 20 (**E**) 21

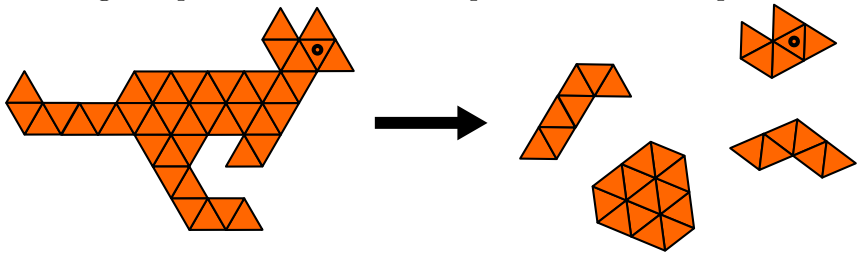
12. Pierre the parrot takes 2 seconds to jump from one post to the next.



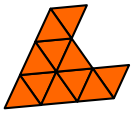
Pierre jumps from the first post to the tenth post, one post at a time. How many seconds will Pierre take to reach the tenth post?

(**A**) 10 (**B**) 16 (**C**) 18 (**D**) 20 (**E**) 22

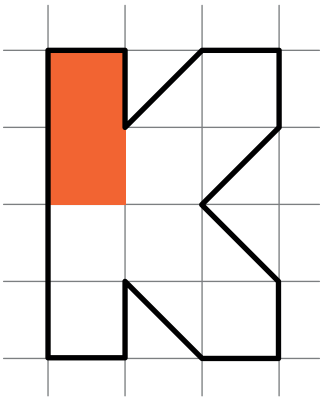
13. A kangaroo puzzle breaks into five pieces. Four of the pieces are shown on the right.



Which piece is missing?

(**A**)  (**B**)  (**C**)  (**D**)  (**E**) 

14. Billy the beaver is painting the K in the picture shown.



He has already used 1 tube of paint. How many more tubes of paint does he need to finish painting the K?

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

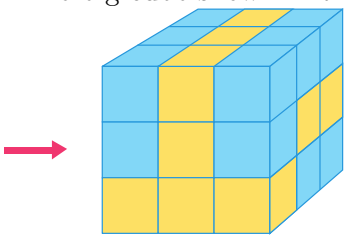
15. Stephanie has 3 books: 1 blue, 1 yellow and 1 red.



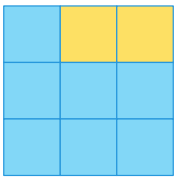
The yellow book has 4 more pages than the red book.
The yellow book also has 7 more pages than the blue book.
How many pages fewer than the red book does the blue book have?

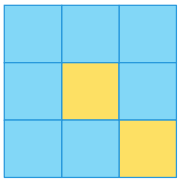
(**A**) 3 (**B**) 4 (**C**) 7 (**D**) 10 (**E**) 11

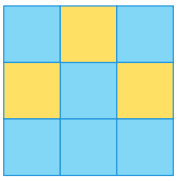
16. The big cube shown in the picture is made of 18 blue cubes and 9 yellow cubes.

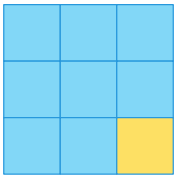


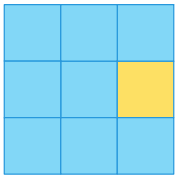
Daniel looks at the left face, as shown by the arrow. What does he see?

(**A**) 

(**B**) 

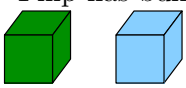
(**C**) 

(**D**) 

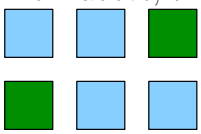
(**E**) 

5 points

17. Filip has built 6 towers using green blocks and blue blocks.



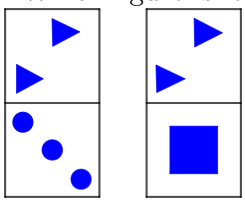
Each tower is made of 5 blocks. Blocks of the same colour do not touch.
From above, the towers look as shown in the picture.

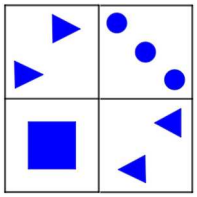


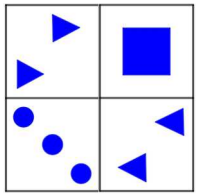
How many blue blocks has Filip used in total?

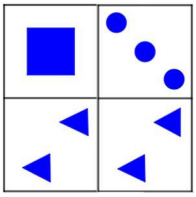
(**A**) 10 (**B**) 12 (**C**) 15 (**D**) 16 (**E**) 20

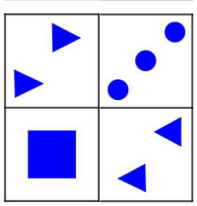
18. Which figure is it impossible to make using the 2 tiles shown?

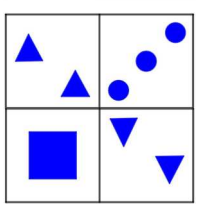


(**A**) 

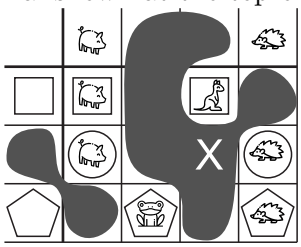
(**B**) 

(**C**) 

(**D**) 

(**E**) 

19. The table has been completed by combining the shape shown on the left of each row with the animal shown at the top of each column. Frank then spilled ink on some of the cells, as shown.



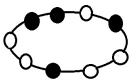
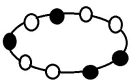
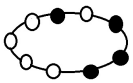
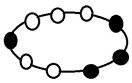
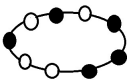
Which picture is hidden under the X?

(**A**)  (**B**)  (**C**)  (**D**)  (**E**) 

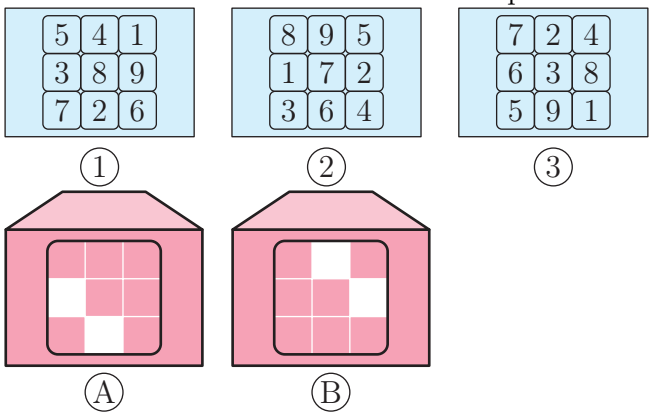
20. Ania is making a bracelet by stringing beads on to a thread.

- First, she strings 2 white beads on the left side of the thread,
- then 1 black bead on the left side of the thread,
- then 2 black beads on the right side,
- then 2 white beads on the left side,
- then 1 white on the right and 1 black on the left.

Which picture shows Ania's bracelet when she finishes?

(**A**)  (**B**)  (**C**)  (**D**)  (**E**) 

21. Ranim has three cards and two envelopes.



She slides a card into each envelope without rotating it. She can see two numbers through the windows of each envelope. The sum of the 4 visible numbers is 26.

Which card has she put in each envelope?

(**A**) Card 1 in envelope A; Card 3 in envelope B

(**B**) Card 2 in envelope A; Card 1 in envelope B

(**C**) Card 3 in envelope A; Card 1 in envelope B

(**D**) Card 3 in envelope A; Card 2 in envelope B

(**E**) Card 2 in envelope A; Card 3 in envelope B

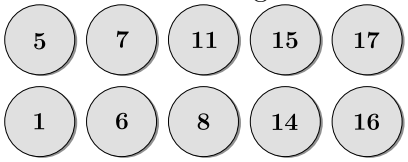
22. Arek, Darek, and Marek arrived at the gym at different times.

- Arek says: "I arrived first."
- Marek says: "I arrived before Arek."

Both boys are lying. In what order did the boys arrive at the gym?

(**A**) Arek then Marek then Darek
(**B**) Marek then Darek then Arek
(**C**) Darek then Marek then Arek
(**D**) Marek then Arek then Darek
(**E**) Darek then Arek then Marek

23. Martina has arranged ten numbered tokens into two rows, as shown in the picture.



She wants to swap a token in the first row with one in the second row so that the numbers in each row then have the same total.

Which token must she take from the first row?

(**A**) 5 (**B**) 7 (**C**) 11 (**D**) 15 (**E**) 17

24. In Istanbul, a cat has 7 kittens. One of the male kittens is called Albert, and one of the female kittens is called Stella.

Stella has twice as many brothers as Albert has.

How many sisters does Stella have?

(**A**) 1 (**B**) 2 (**C**) 3 (**D**) 4 (**E**) 5