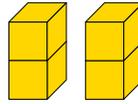


Questions for 5 points

13. Mother ordered 2 pizzas and sliced each of them into 8 pieces for Vera's birthday. There were 14 children at the party including Vera. How many slices are left over if mother gives one slice to each child?

- A) 5 B) 4 C) 3 D) 2 E) 1

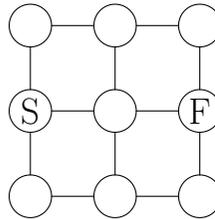
14. Don made two bricks sticking two cubes together. Which construction cannot be built of these two bricks?



- A) B) C) D) E)

15. The Kangaroo jumps from circle S along the line to the next circle in one jump. It is not allowed to jump into any circle more than once. In how many different ways, by taking only 4 jumps, can the Kangaroo reach circle F?

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



16. A ship was attacked by pirates. One by one they were climbing a rope to get to the ship. The pirate captain was in the middle and the eighth one from the beginning. How many pirates were on the rope?

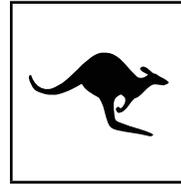
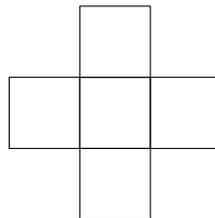
- A) 7 B) 8 C) 12 D) 15 E) 16

17. During 3 days Joy the cat was catching mice. Each next day Joy caught 2 mice more than in the previous day. On the third day Joy has caught twice as many mice as on the first day. In total, how many mice did Joy catch during the three days?

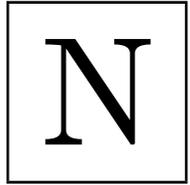
- A) 12 B) 15 C) 18 D) 20 E) 24

18. The numbers 3, 5, 7, 8 and 9 are written into the squares (see fig.) so that the sum of the numbers in the row is equal to the sum of the numbers in the column. Which number is written in the central square?

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



KANGAROO 2015

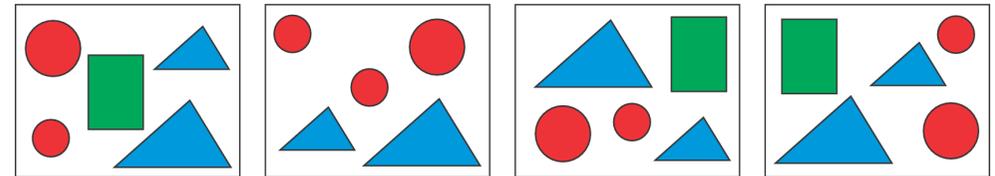


Time allowed: 50 minutes
Calculators are not permitted

Nipper
1-2 grades

Questions for 3 points

1. Which figure is not in each of four pictures?



- A) B) C) D) E)

2. Find the missing part of the house.



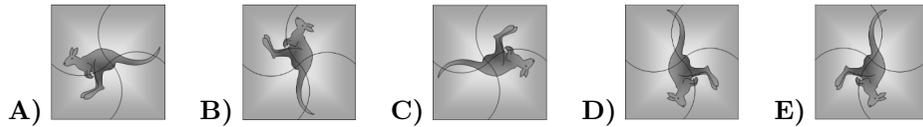
- A) B) C) D) E)

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

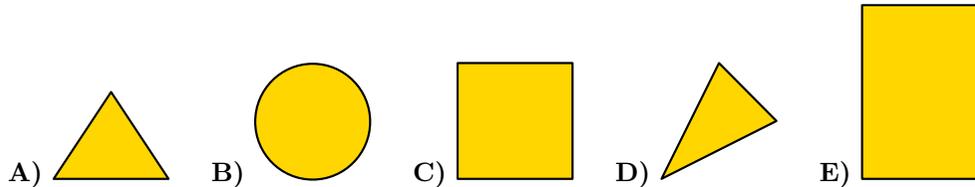
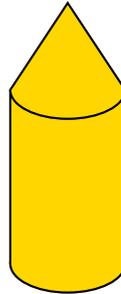
- A) 17 B) 18 C) 19 D) 20 E) 21



4. Which of the following pictures can be rotated so that it will coincide with the picture shown on the right?

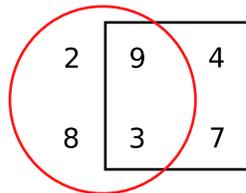


5. What does the round tower look like from above?



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

- A) 12 B) 11 C) 23 D) 33 E) 10



Questions for 4 points

7. It takes half an hour for Jenny to go half of the way from school to home. How long does it take Jenny to go to school from home?

- A) 15 minutes B) Half an hour C) 1 hour D) 2 hours E) 40 minutes

8. There were 11 flags on a straight track of a race. The first one was at the start, the last one at the finish. The distance between neighbour flags was 4 m. How long was the track?

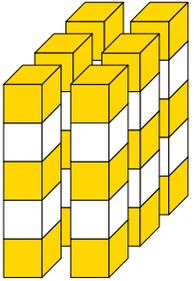
- A) 12 metres B) 24 metres C) 36 metres D) 40 metres E) 44 metres

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

- A) 2 B) 3 C) 4 D) 5 E) 8

10. Six towers are built with grey cubes and white cubes. Each tower is made with five cubes. Cubes of the same colors do not touch. How many white cubes are there?

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



11. The date 5/5/2015 has three 5's. The earliest date that will have three 5's again is:

- A) 5/5/2025 B) 6/15/2055 C) 5/15/2050 D) 5/25/2015 E) 5/15/2015

12. Place each of the numbers 1, 2, 3, 4, 5 into one box so that everything is correct. Which number goes to the box marked with question mark?

- A) 1 B) 2 C) 3 D) 4 E) 5

