Math Kangaroo Lebanon 2025

Pre-Ecolier: Grade 1 and Grade 2

Saturday, March 22, 2025

Duration: 60 minutes

| Full Name: | |
|----------------|--|
| School Name: | |
| Class: | |
| Date of Birth: | |

Please write the letter (A, B, C, D, E) of the correct answer in the square under the question number. Write clearly and carefully!

| A1 | A2 | A3 | A4 | A5 | A6 |
|----|----|----|----|----|----|
| | | | | | |

| B1 | B2 | Β3 | B4 | B5 | B6 |
|----|----|----|----|----|----|
| | | | | | |

| C1 | C2 | C3 | C4 | C5 | C6 |
|----|----|----|----|----|----|
| | | | | | |

Year 1 and 2 (English Version)

Saturday, March 22nd 2025

Time allowed: 60 minutes

- 1. For each question exactly one of the 5 options is correct.
- 2. Each participant is given 18 points at the beginning. For each correct answer 3, 4 or 5 points are added. No answer means 0 points are added. If a wrong answer is given, one quarter of the points is subtracted, i. e. 0.75 points, 1 point or 1.25 points, respectively. At the end, the maximum number of points is 90, the minimum is 0.
- 3. Calculators and other electronic devices are not allowed.

3 point problems

A1 Sami has 6 balloons. He gives away 2 of the balloons. How many balloons will Sami then have?



- (**A**) 2 (**B**) 3 (**C**) 4 (**D**) 5 (**E**) 6
- A2 Which of these puzzle pieces completes the picture?



A4 5 baby kangaroos are hopping to their mothers along the paths shown below.Which path is the shortest?





A5 How many pencils are shown in the picture?



- (**A**) 7 (**B**) 8 (**C**) 9 (**D**) 14 (**E**) 16
- **A6** A large square is formed from 16 small squares of the same size. Then some of the small squares are removed. How many small squares are missing?

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

(**B**) 8

4 point problems

(**A**) 6

(A)

B1 Two rubber bands are placed around a stack of 18 cubes. How many of the cubes are not touching a rubber band?

(**C**) 9

B2 A floor is covered in square tiles. There are 4 rectangular mats on the floor.

(**D**) 10

(D)

(**E**) 12

A.

- In total, how many tiles have 3 mats on top of them?
 - (**A**) 0 (**B**) 1 (**C**) 2 (**D**) 3 (**E**) 4

(C)

B3 Which of these keys fits the lock shown in the picture?

3

B4 A dog has 2 puppies that weigh the same. The first picture shows that the dog and 1 puppy together weigh 14 kilograms (kg). The second picture shows that the dog and both puppies together weigh 18 kilograms.



How much does the dog weigh?

- (**A**) 9 kg (**B**) 10 kg (**C**) 11 kg (**D**) 12 kg (**E**) 13 kg
- **B5** There were three books on Mariam's shelf, as shown in the picture.



- First, Mariam swapped the white book and the grey book.
- Then Mariam swapped the grey book and the black book.

How are her books arranged now?











B6 The pictures below show the front and back of an object built from coloured cubes.



The object is broken into three pieces. Two of the pieces are shown below.



Which of these is the third piece?



5 point problems

The beads on a string alternate between black and white. **C1** ------------Each block hides five beads. How many white beads are hidden in total? (**A**) 5 (**C**) 7 (**D**) 9 (**E**) 10 **(B)** 6 Fadi has 5 wooden toys, as shown in the picture. **C**2 8 g 6 g 10 g 11 g 12 g

He picks 2 pairs of toys so that the pairs weigh the same. Which toy was not picked?









C3 Each ladybird sticker has 1, 2, 3 or 4 dots.

Ahmad wants to fill the grid with stickers so that in each row and in each column there are ladybirds with different numbers of dots.

| | Ú | |
|----------|----------|--|
| E | | |
| | Ŭ | |

When Ahmad is finished, what will the top row of the grid look like?







C4 There are 13 cubes stacked in the corner of a room. Each is coloured red or blue. Directly below each red cube is a blue cube, and directly below each blue cube is a red cube. How many blue cubes are in the stack?



- (**A**) 4 **(B)** 6 (**C**) 7 (**D**) 8 (**E**) 9
- C5 Zeina decides to paint each square in the shape below so that squares painted the same colour do not touch.



yellow. Which colour did she paint the square marked with the X?

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(A) Red

(B) Blue

(C) Green

(**D**) Yellow

(E) Impossible to know

C6 Each time a coin is put in the machine, a ball falls at random from the bottom row. What is the smallest number of coins Samir must have to be sure that she will get a white ball?

