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## Mini Kangaroo Competition 2022 and grade



A-1

2022202202022202202022202202022202202022

How many times does it say 2022 ?

| 7 times | 8 times | 9 times | 10 times | 6 times |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |

A-2


The kangaroo builds a train. It always hangs wagons with the same numbers on them.

| 2 | 9 | 1 | 5 | 6 |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |

What number does the train end with when all the wagons are attached?

## A-3

There are 3 sisters in the family. Each sister has 2 brothers. Each child eats 2 rolls. How many rolls do all the children eat together?

| 8 | 18 | 10 | 16 | 12 |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |

## A-4

The kangaroo draws squares of dots. Each time the square becomes 2 points wider.


How many dots does the kangaroo draw in the third square?

| 24 | 25 | 30 | 42 | 36 |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |

## A-5

What number do you get if you add 3 twice and 2 three times?

| 12 | 6 | 18 | 10 | 9 |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |

## B- 1



The kangaroo has 1 ct coins, 5 ct coins and 10 ct coins. It does not get any money back.

What price can it pay with the fewest coins?

| 17 ct | 4 ct | 14 ct | 21 ct | 8 ct |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |

## B-2

The grandfather and his grandson are 76 years old together. The grandson is 8 years old. How many years older is the grandfather?

| 94 | 68 | 70 | 64 | 60 |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |

## B-3



The kangaroo has many identical building blocks. He puts them in the box. If a building block does not fit, he turns it. He packs the box completely full.

How many building block fit into the box?

| 8 | 6 | 4 | 7 | 10 |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |

## B-4

There are 47 biscuits on a plate. The kangaroo eats the same number of biscuits 4 times in a row. After that, there are only 35 biscuits left on the plate.

| 4 | 3 | 5 | 2 | 1 |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |

How many biscuits did the kangaroo eat each time?

## B-5

Every year there is a Mini Kangaroo Competition. This year, in 2022, the 18th Mini Kangaroo Competition will take place. In which year was the first Mini Kangaroo Competition held?

| 2003 | 2005 | 2004 | 2010 | 2006 |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |

## C-1

Sparrows are sitting on a tree. First half of the sparrows fly away. Then two more sparrows fly away. Now there are 10 sparrows sitting on the tree.

How many sparrows were sitting on the tree at the beginning?

| 20 | 24 | 22 | 10 | 16 |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |

## C-2

The picture shows a grey path. All sides of the inner edge are 4 m long. The path is 1 m wide. The turtle runs one lap on the outer edge.
How many metres does the turtle run?

| 20 m | 22 m | 28 m | 16 m | 24 m |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |

## 4 m

## C-3

The kangaroo goes to the playground every second day. The panda goes to the playground every third day. On Sunday, the kangaroo and the panda are together in the playground. On which day of the week will they next meet in the playground?

| Saturday | Friday | Thursday | Wednesday | Sunday |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |

## C-4

Numbers are made up of digits. To write a digit, the kangaroo needs 2 s . How long does it take to write all the odd numbers from 1 to 30 ?

| 25 s | 50 s | 30 s | 60 s | 45 s |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |

## C-5

$$
\mathrm{OO} \bullet \mathrm{O} \bullet \mathrm{O} \bullet \mathrm{OOOO}
$$

3 white marbles are just as valuable as 9 black marbles. The kangaroo exchanges all the white marbles for black ones.

How many black marbles does it have now?

| 27 | 30 | 24 | 33 | 21 |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |

