

# REASONING

## 2ER18

First name \_\_\_\_\_

Last name \_\_\_\_\_

School \_\_\_\_\_

Class \_\_\_\_\_

Date of birth ○○ ○○ ○○○○

Date of test ○○ 05 2018

Total score  (maximum 20)



165059



Llywodraeth Cymru  
Welsh Government

1 Jac has 10 books and Amy has 7 books.



Oh no!

Monkey gives 4 of Jac's books to Amy.

Now Jac has  books and Amy has  books.



2 Oh no! Monkey moves 30 pencils.


He puts 6 on a table.

He puts 4 on a desk.

He puts the others on the floor.

How many pencils are on the floor?





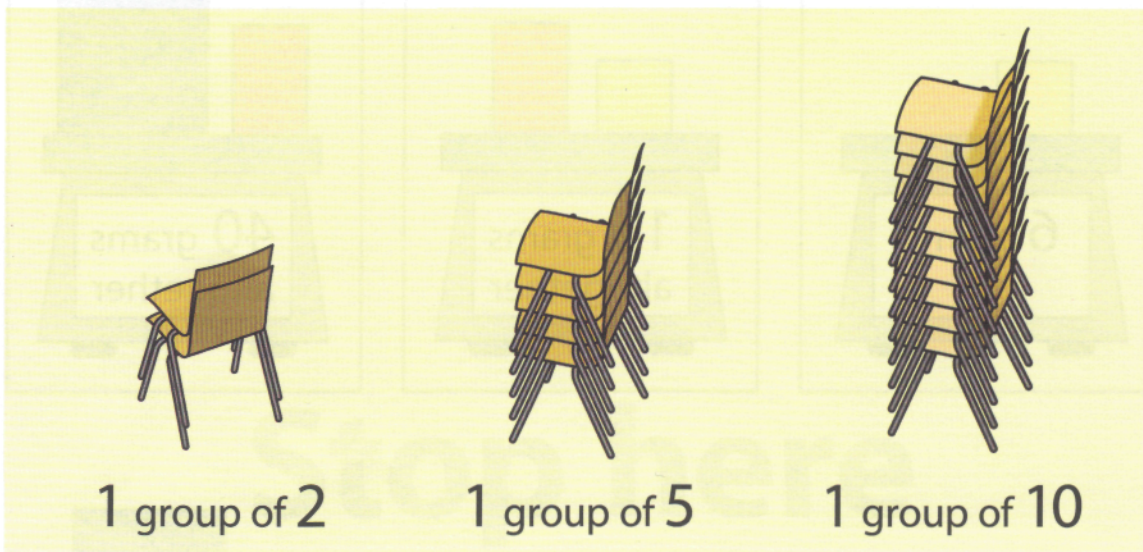
pencils



3

Oh no!

Monkey puts chairs in groups.



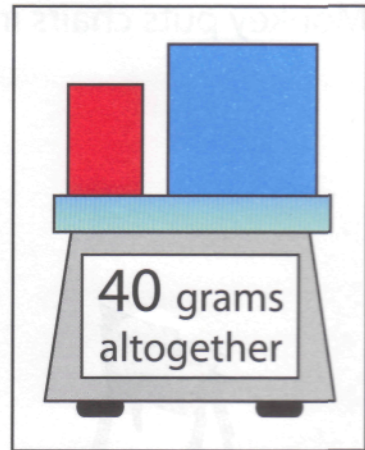
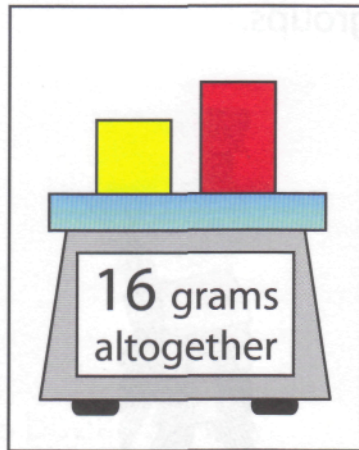
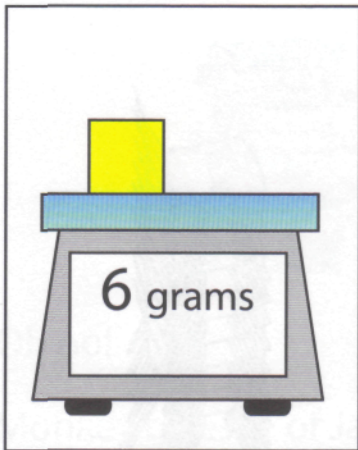
Show how he can put 30 chairs in groups.

30 chairs =  groups of 1030 chairs =  groups of 530 chairs =  groups of 230 chairs =  groups of 10 and  groups of 2

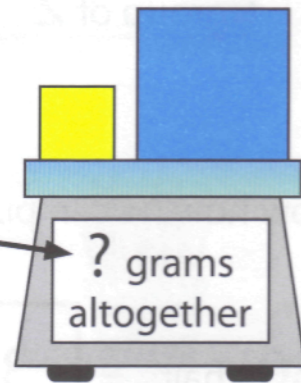
TOTAL



4 Oh yes! Here is the puzzle for Monkey.



The missing number will open the door.

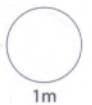
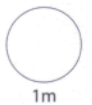
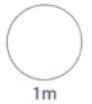


 weighs 6 grams,

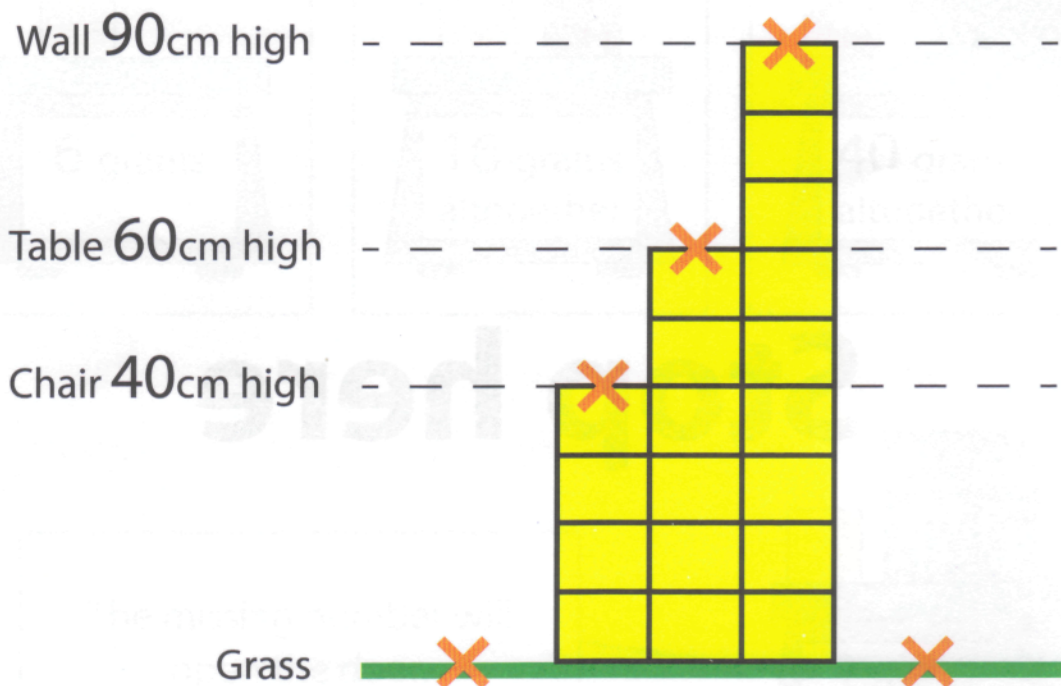
so  weighs \_\_\_\_\_ grams,

and  weighs \_\_\_\_\_ grams.

The number that will open the door is \_\_\_\_\_



1 The crosses **X** show where Cally sits.



First Cally sits on the **grass**.

Then she jumps up 40 cm to the chair

Then she jumps **up** another 20 cm to the \_\_\_\_\_

Then she jumps **up** another \_\_\_\_\_ cm to the \_\_\_\_\_

Then she jumps **down** \_\_\_\_\_ cm to the \_\_\_\_\_



3m

2 Cally's sleeping pattern:



In 6 hours, altogether she is **asleep** for 4 hours and **awake** for \_\_\_\_\_ hours.

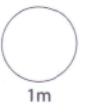
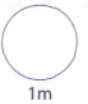
In 9 hours, altogether she is **asleep** for \_\_\_\_\_ hours and **awake** for \_\_\_\_\_ hours.

In 24 hours, altogether how much is she **asleep** and how much is she **awake**?

asleep for \_\_\_\_\_ hours

awake for \_\_\_\_\_ hours

24 hours altogether



TOTAL

