

REASONING

2ER18

First name _____

Last name _____

School _____

Class _____

Date of birth

Date of test

Total score (maximum 20)



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?



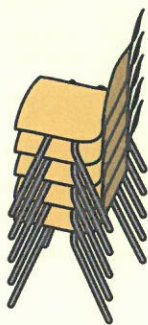
pencils

3 Oh no!

Monkey puts chairs in groups.



1 group of 2



1 group of 5



1 group of 10

Show how he can put 30 chairs in groups.

30 chairs = groups of 10

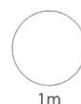
30 chairs = groups of 5

30 chairs = groups of 2

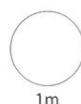
30 chairs = groups of 10 and groups of 2



1m



1m



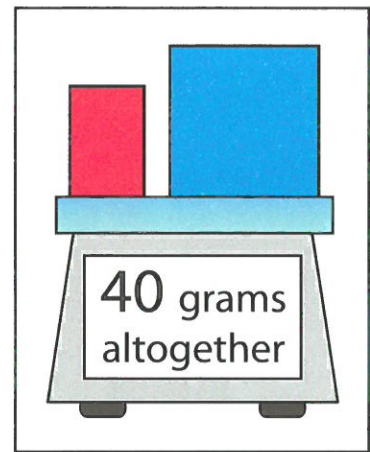
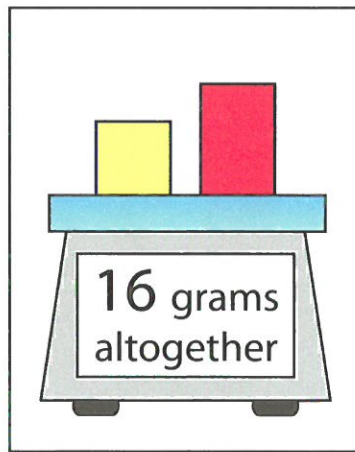
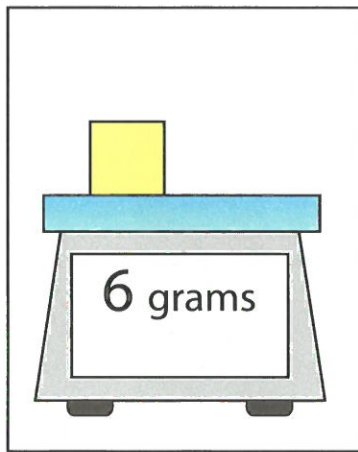
1m

TOTAL

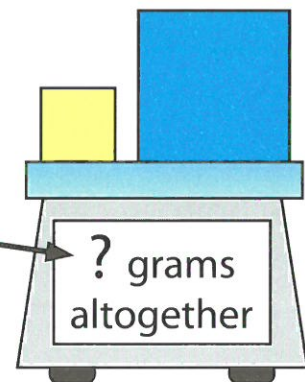


7m

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 _____

1m

1m

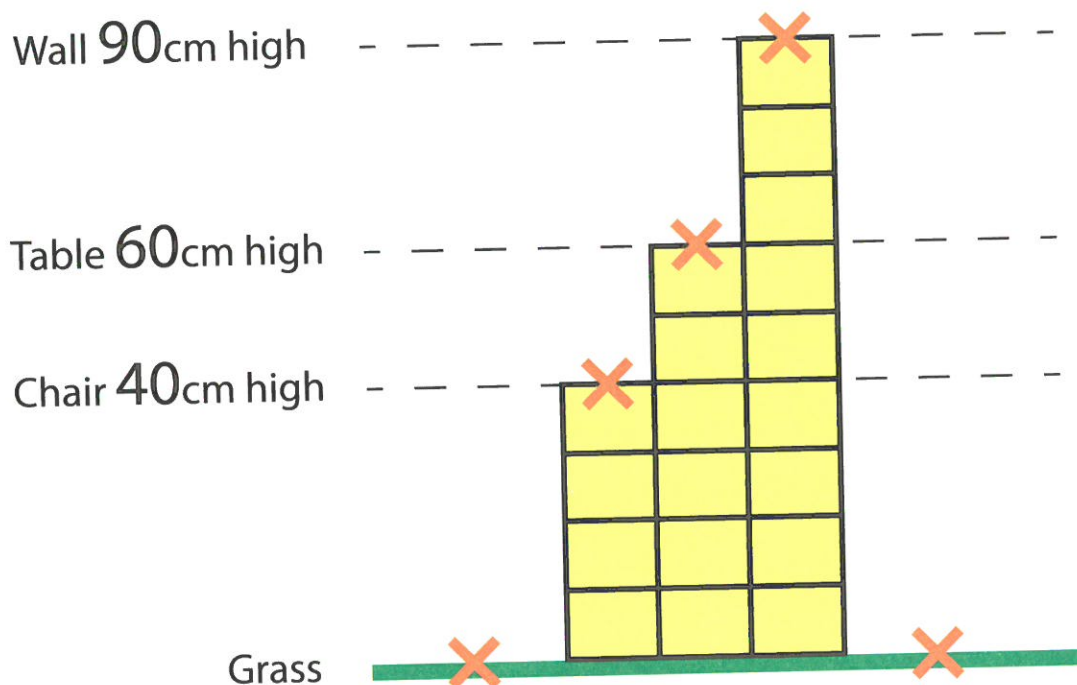
1m

Stop here

TOTAL



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



First Cally sits on the **grass**.

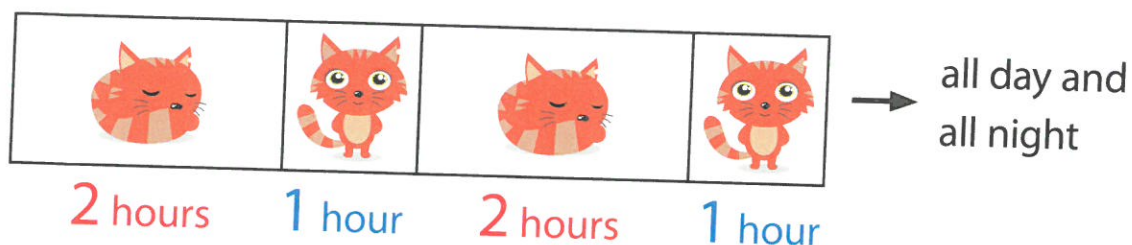
Then she jumps up 40 cm to the chair

Then she jumps **up** another 20 cm to the _____

Then she jumps **up** another _____ cm to the _____

Then she jumps **down** _____ cm to the _____

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.

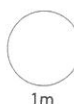
In 24 hours, altogether
how much is she **asleep** and how much is she **awake**?



asleep for _____ hours

awake for _____ hours

24 hours altogether

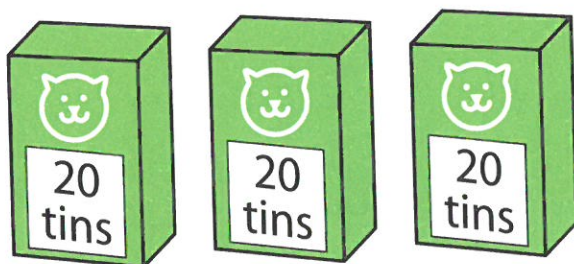


3



There are 20 tins of food in 1 box.

Cally has 3 boxes.



Every day Cally eats 5 tins of food.



How many days does Cally take to eat all the food?



days