

REASONING

3ER15

First name _____

Last name _____

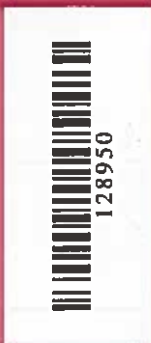
School _____





Class _____

Date of birth ○○ ○○ ○○○○

Date of test ○○ 05 2015

Total score (maximum 20)



			
Each scoop of ice cream 60p	Sauce 10p	Curls 20p	Fruit 30p

1 Alun orders **1 scoop** of ice cream with **sauce**.

He pays £1

How much change does he get?

p change







2 Rhian wants to pay exactly £1.20

She can order

or

she can order




			
Each scoop of ice cream 60p	Sauce 10p	Curls 20p	Fruit 30p

- 3 Tim orders **curls** with **3 scoops** of ice cream.
Erin orders **fruit** with **3 scoops** of ice cream.

Erin pays **more** than Tim.

How much more?

Show how you work it out.



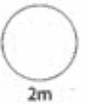
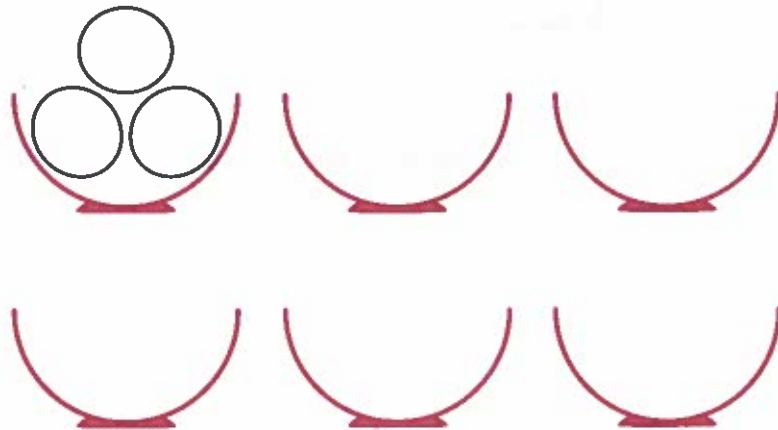
p more

4 On Friday six friends order some scoops.



- Half of them order **3 scoops**.
- **Altogether** they order **13 scoops**.

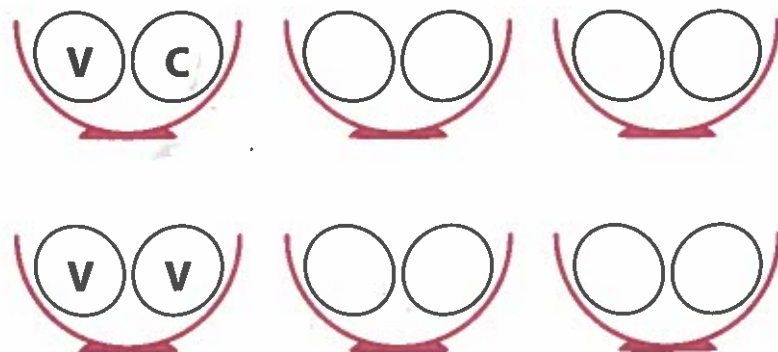
Draw the number of scoops. One is done for you.



On Saturday each friend orders **2 scoops**.

- No one has the same as anyone else.
- They choose from vanilla (**V**), cherry (**C**) or mint (**M**).

Write what they order. Two are done for you.



Stop here



1

Inside each box is



1 red robot or 4 blue robots or 9 purple robots

Tom wants 1 red, 12 blue and 9 purple robots.

How many **boxes** does he get altogether?



boxes



Jen wants 2 red, some blue and 0 purple robots.

She gets 8 boxes.

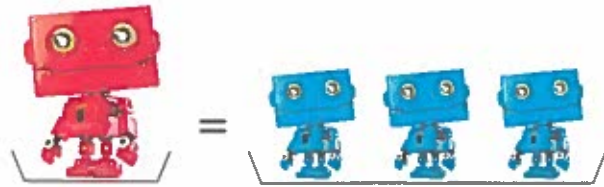
How many **blue robots** does she get altogether?



blue robots



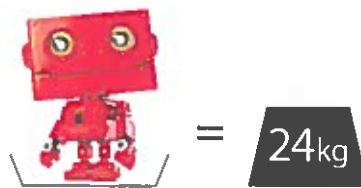
robot weighs
as **3 blue** robots.



robot weighs
as **4 purple** robots.



robot weighs **24kg**.



what a **blue** robot and a **purple** robot weigh.



kg



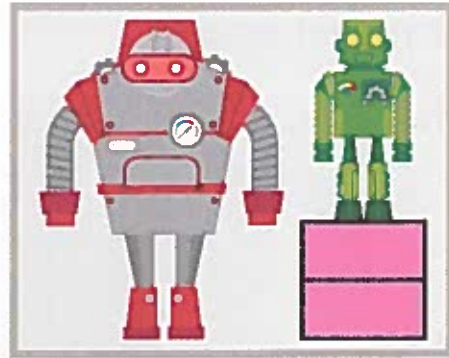
kg



TOTAL



- 3 The **big robot** is 60cm tall.
Each **pink block** is 11cm high.



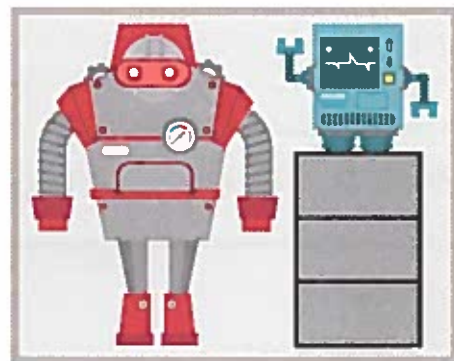
How tall is the **green robot**?




cm tall



The **big robot** is 60cm tall.
The **blue robot** is 24cm tall.



How high is each **grey block**?



cm high



TOTAL

