REASONING

5ER15

First name _____

Last name _____
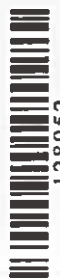
School _____

Class _____

Date of birth ◯◯ ◯◯ ◯◯◯◯

Date of test ◯◯ ⓪⑤ ②⓪①⑤

Total score ◯ (maximum 20)

Llywodraeth Cymru
Welsh Government

128952

Each **lie**: nose **5cm longer**		Each **truth**: nose **3cm shorter**

Tuesday

Woke up ☀ Nose **8cm**	In the day he told **1 lie** and **1 truth**	Bedtime 🌙 Nose **?cm**

How long was his nose at bedtime on Tuesday?

cm

1m

Friday

Woke up ☀ Nose **15cm**	In the day he told **1 lie** and **? truths**	Bedtime 🌙 Nose **8cm**

Work out how many **truths** he told on Friday.

truths

2m

Each **lie**:	Each **truth**:
nose **5cm longer**	nose **3cm shorter**

On Sunday, he told **3 lies** and **5 truths**.

Was his nose the **same length** at bedtime as when he woke up?

Show how you know.

On Monday, he told **more than 3 lies**.

His nose was the **same length** at bedtime as when he woke up.

Work out how many lies and truths he might have told on Monday.

[   ] lies and [   ] truths

1m

2m

TOTAL

6m

2 **Cups:** 4 colours

purple (P), yellow (Y), red (R), green (G)

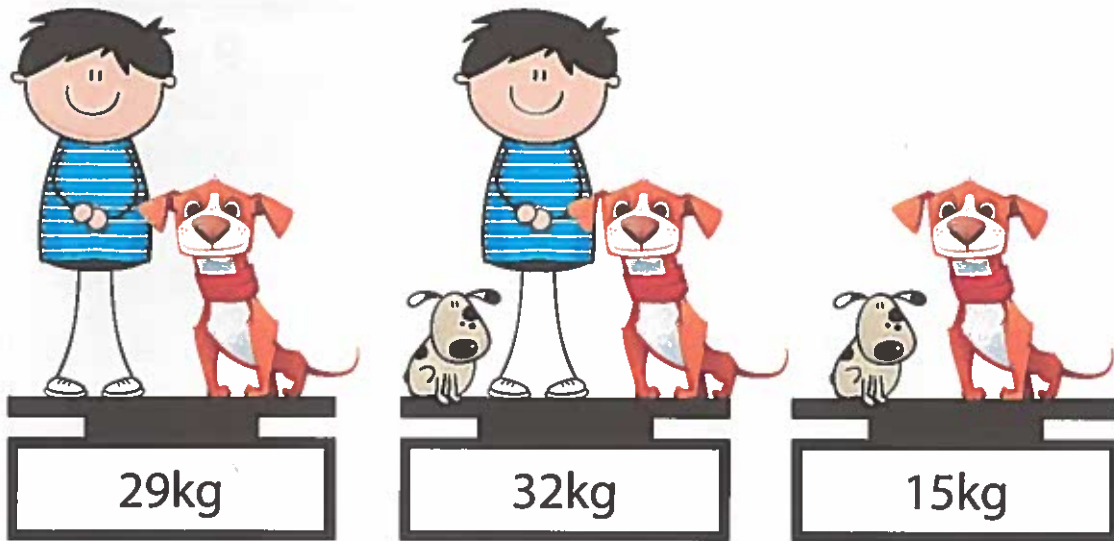**Straws:** 4 colours

purple (P), yellow (Y), red (R), green (G)
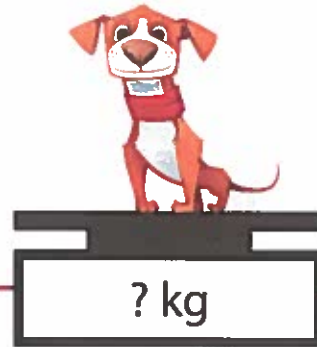
I want my straw and cup to be **different colours**.

Show all the ways the straw and cup can be different colours.

3 The scales show different weights.

29kg	32kg	15kg
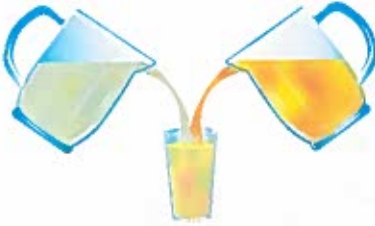
Work out how much the big dog weighs.

? kg

kg

4 **20** children want drinks.

3 want a cup of lemonade	**8** want **half** a cup of lemonade with **half** a cup of orange	**9** want a cup of orange

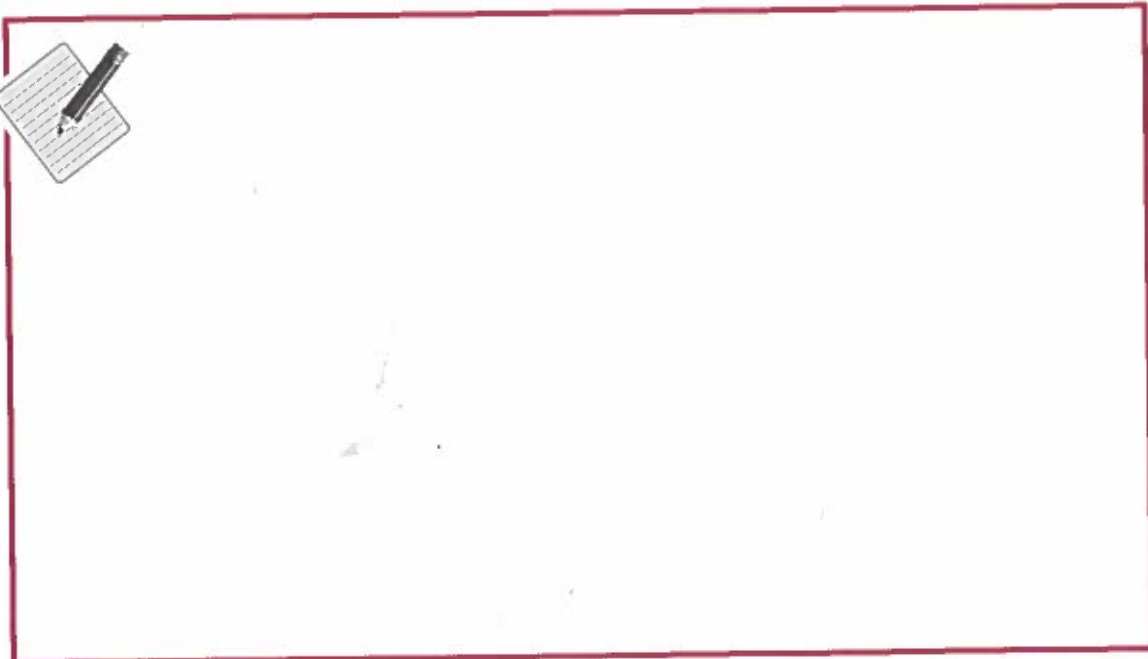There is this much drink to share:

gives **10** cups.   Each gives **5** cups.

Can **all 20** children have the drinks they want?

Show how you know.

5 Joe is planning his birthday party.

It will be at STOMPS.

STOMPS

Food	Party bags	Balloons
£6.99 each	**£1.20** each	**75p** each

Please can each person have food, a party bag and a balloon?

Yes, but the most we can spend is **£100**

What is the greatest number of people that can go to STOMPS?

Show how you know.

people