SOLVE PROBLEMS

KS1 – 2001 Paper

1.

Sadi needs **26** cartons of juice for her party.

There are **four** cartons in a pack.
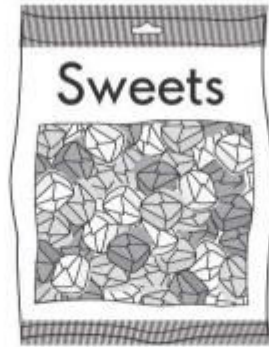


3l   How many packs does she need to buy?                    packs

KS1 – 2003 Paper 1

2.

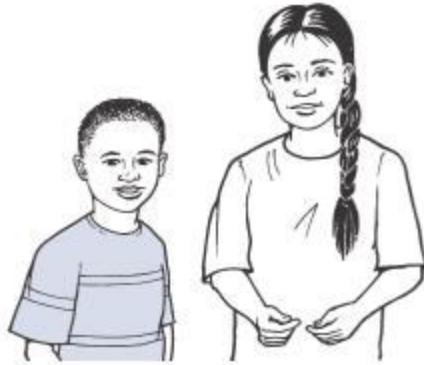**27** There are **60** sweets in a bag.

**Sweets**

**20** sweets are red.

**16** sweets are yellow.

The rest are green.

How many sweets are green?

Show how you work it out in the box.

| |
| --- |
| green sweets |

KS1 – 2004 Paper 1

3.

27 | When Desi is **4** years old, Sita is **10**

When Desi is **9** years old, how old will Sita be?

| | years |

KS1 – 2007 Paper 2

4.

15



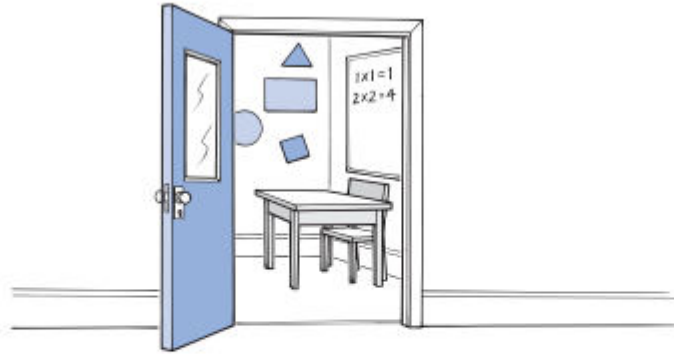Kemi is looking at a number on a card.

She **doubles** the number then **adds 3**

Her answer is **15**

What number is she looking at?

KS1 – 2005 Paper 1

5.

q



There are **11** boys and **16** girls in Blue Class.

a   How many children are in Blue Class altogether?   [ ] children   ◯

b   There are **more** girls than boys.

How many more?   [ ]   ◯

KS1 – 2005 Paper 2

6.

15    Ten children can sit at one table.

There are **43** children.

How many tables are needed so that each child can sit at a table?

| |
|---|
| tables |

7.

26    Write the missing number.

**double 36 = half of** [ ]

8.

26 Write the answer.
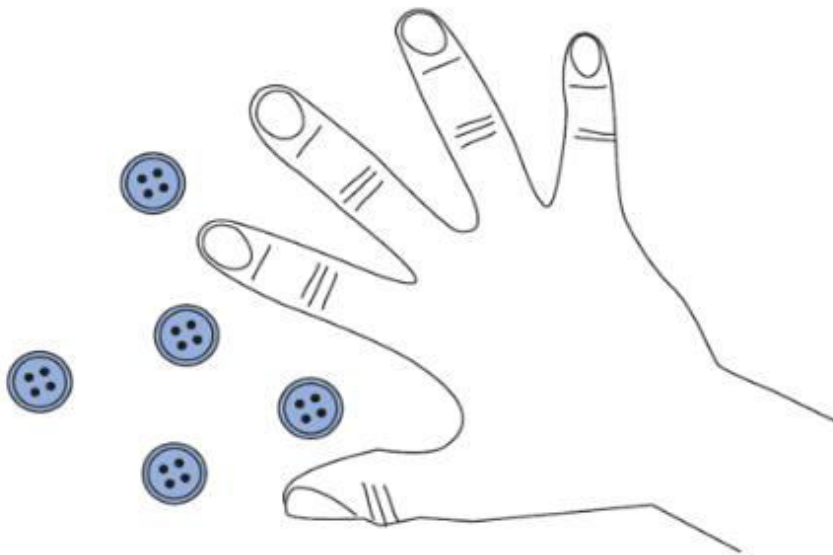
$$253 - 138 =$$

○

KS1 – 2009 Paper 1

9.

17 Ben puts **15** buttons on a table.

He hides some of them under his hand.

How many buttons is Ben hiding?

| buttons |

○

10.

| 14 | Tara has **4** books. |
| --- | --- |

Ravi has **3 times as many** books as Tara.

How many books do Tara and Ravi have **altogether**?

| | books |
| --- | --- |

11.

| 15 | Miss West needs **28** paper cups. |
| --- | --- |

She has to buy them in packs of **6**

How many packs does she have to buy?

| | packs |
| --- | --- |

12.

17 | The table shows how many 10p, 5p and 2p coins Tara has.

| Coin | Number of coins |
|------|-----------------|
| 10p | 8 |
| 5p | 4 |
| 2p | 5 |

How much money does she have altogether?

Work it out in the box.

£

KS1 – 2016 Paper - Reasoning

13.

17 Sam is collecting cards.

He wants to collect **100** cards altogether.

Last week he collected **50** cards.

This week he collects **30** cards.
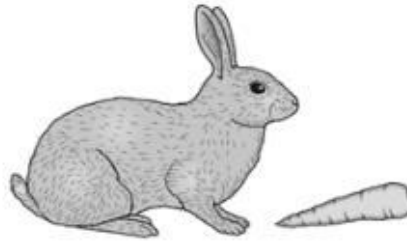
How many **more** cards does he need?

cards

14.

**22** Amy plants **4** rows of carrots.

There are **3** carrots in each row.

A rabbit eats **2** of the carrots.

How many carrots are left?

|  |
|--|
| carrots |

2 marks

KS1 – 2016 Paper – Reasoning (Second)

15.

**13** Write two numbers to make this calculation correct.

$$\boxed{\phantom{X}} + \boxed{\phantom{X}} = 19$$

1 mark

Now write three numbers to make this calculation correct.

$$\boxed{\phantom{X}} + \boxed{\phantom{X}} + \boxed{\phantom{X}} = 19$$

1 mark

KS1 – 2017 Paper – Reasoning

16.

**30** There are **76** cars in the car park.

**18** more cars go into the car park.

Then **35** cars go out.

How many cars are in the car park **now**?

| |
|---|
| cars |

2 marks

KS1 – 2018 Paper – Reasoning
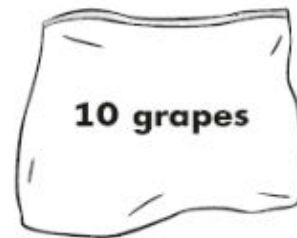
17.

**30** Ben has **7** bags of grapes.

Each bag has **10** grapes.

**10 grapes**

Ben gives **25** grapes to his friends.

How many grapes does he have **left**?

| |
|---|
| grapes |

2 marks

KS1 – 2022 Paper – Reasoning

18.

**20** Circle the calculation with the largest answer.

$$5 + 2 \qquad\qquad 10 - 3$$

$$9 - 1 \qquad\qquad 4 + 1$$

19.

**26** There are **43** people on a bus.

**15** people get off.

**8** people get on.

How many people are on the bus **now**?

Show your working

people