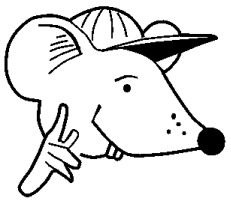
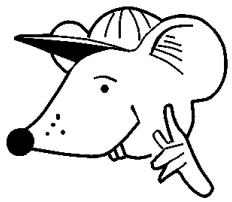


MATHEMATICS



Y2 Number and Place Value
2240

Read and write 2-digit numbers.
Partition a number into tens and units.

Equipment

Number cards (available in numbers module).
Pencil and paper.
Number line useful.

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Concepts

In year 2 children will be expected to develop their ability to read and write numbers, including two digit numbers and whole hundreds. They will still need a lot of practice at recognising numbers, reading them aloud and writing them down in different contexts.

Number cards are very valuable - say a number and ask the child to place the appropriate cards in front of them. As they gain in confidence and speed they can hold up the numbers - but care needs to be taken that they don't reverse the digits. Number cards are available in the numbers module.

Dominoes, number lines, clock faces and coins are also useful resources.

As confidence grows children should be shown what each digit in a number represents, especially two digit numbers

eg 28 - the 2 represents two tens and the 8 represents eight ones.

Good use can also be made of the numbers all around us during the day:

House numbers
Telephone numbers
Car number plates
Calculators
Supermarkets

Use these to talk about numbers whenever possible.

A number line is really useful for this work. A string line with numbers hanging down on pegs is a simple, but effective, way to show numbers and is cheaper than buying from a commercial source.

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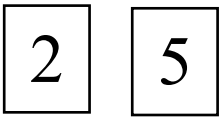
Using 0 to 9 cards.

All the work on this page would be done orally. The activities below are examples which can be repeated many times. Children enjoy the success that repetition brings.

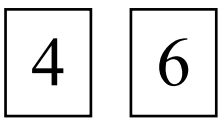
1. Put forty five in front of you.
2. Put thirty in front of you.
3. Find the cards which say thirty four.
4. Find the cards which say sixty two.
5. Find a number in the nineties.
6. Find a number in the twenties.
7. Find a bigger number than twenty seven.
8. Find a bigger number than sixty five.

   Then exchange cards.

9. What do these cards say?



10. What do these cards say?



and so on….

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Writing numbers in figures

Hi!

Write these numbers in figures.

1. thirty four

2. sixty one

3. forty two

4. fifty three

5. twenty

6. sixteen

7. sixty five

8. eighty five

9. ninety nine

10. forty one

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Writing numbers in figures

Hello again!

Write these numbers in figures.

1. twenty five

2. thirty three

3. seventy two

4. nineteen

5. thirty

6. forty five

7. eighty seven

8. fifty nine

9. ninety two

10. sixty three

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Counting and writing tens and units

Count these shapes. How many? Write your answer down in the box.

1.

♡♡♡♡♡♡♡♡♡♡
♡♡♡♡♡♡♡♡♡♡
♡

2.

▱▱▱▱▱▱▱▱▱▱
▱▱▱▱▱▱▱▱▱▱
▱▱▱▱▱▱▱▱▱▱
▱▱▱▱▱▱▱▱▱▱
▱▱▱

3.

◖◖◖◖◖◖◖◖◖◖
◖◖◖◖◖◖◖◖◖◖
◖◖◖◖◖◖◖◖◖◖
◖◖◖◖◖

4.

△△△△△△△△△△
△△△△△△△△△△
△△

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Counting and writing tens and units

Count these shapes. How many? Write your answer down in the box.

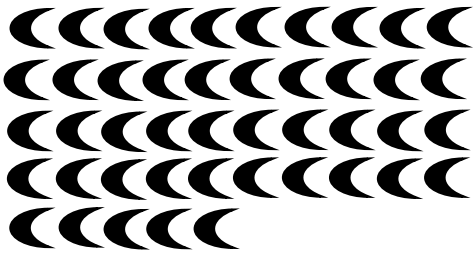
1.

♡♡♡♡♡♡♡♡♡♡
♡♡♡♡♡♡♡♡♡♡
♡♡♡♡♡♡♡♡♡♡
♡♡♡♡♡♡♡

2.

▱▱▱▱▱▱▱▱▱▱
▱▱

3.



4.

△△△△△△△△△△
△△△△△△△△△△
△△△△△△△△△△
△△△△△△△△△△
△△△△△△△△△△

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Writing numbers in words

Write these numbers in words. Try to spell them correctly!

11	
12	
13	
14	
15	
16	
17	
18	
19	

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Writing numbers in words

Try writing these numbers in words. Good luck!

20	_ _ _ _ _ _
30	_ _ _ _ _ _
40	_ _ _ _ _
50	_ _ _ _ _
60	_ _ _ _ _
70	_ _ _ _ _ _ _
80	_ _ _ _ _ _
90	_ _ _ _ _ _
100	_ _ _ _ _ _ _ _ _ _

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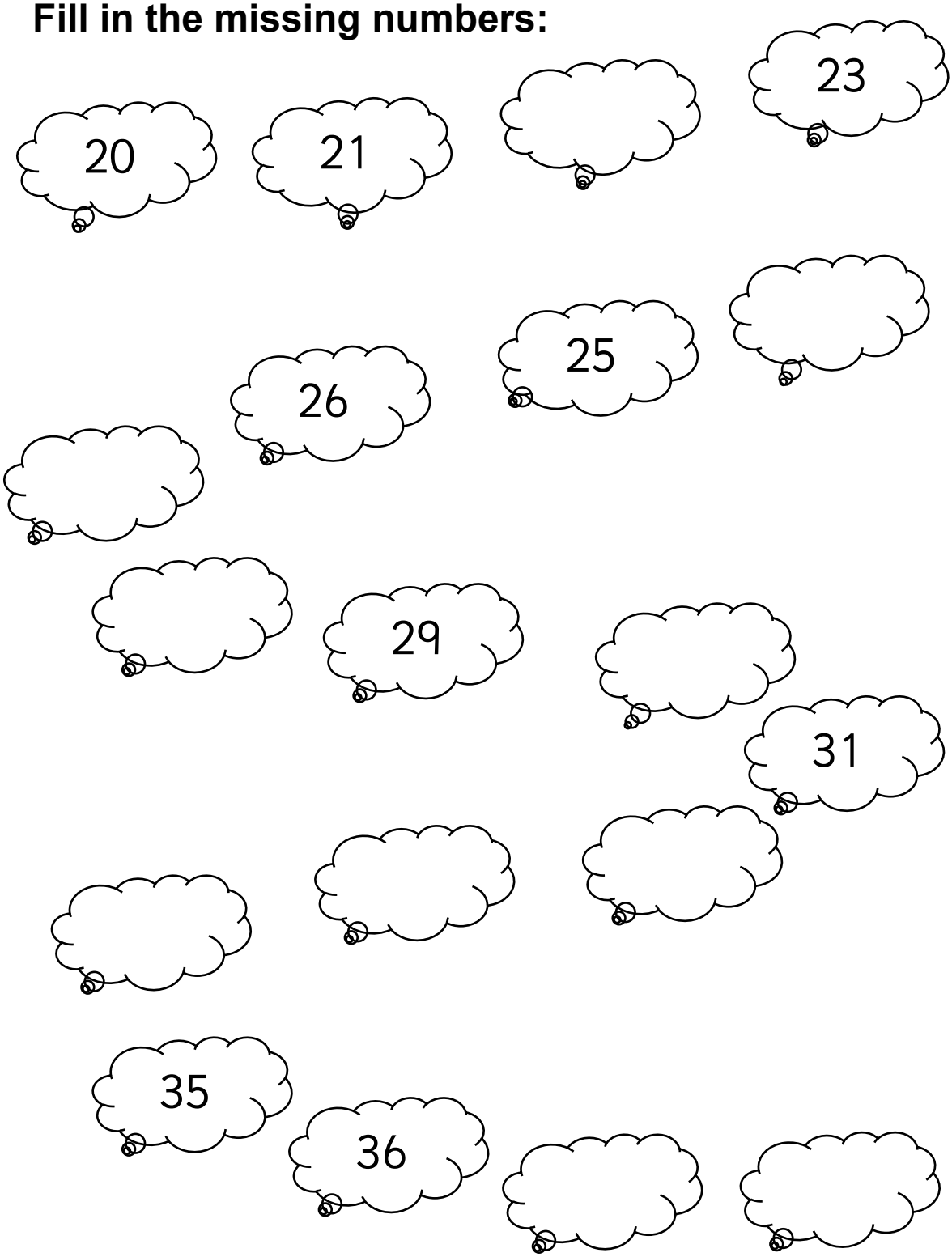
Fill in the missing numbers:



Now colour all the **even number** shapes with your favourite colour.

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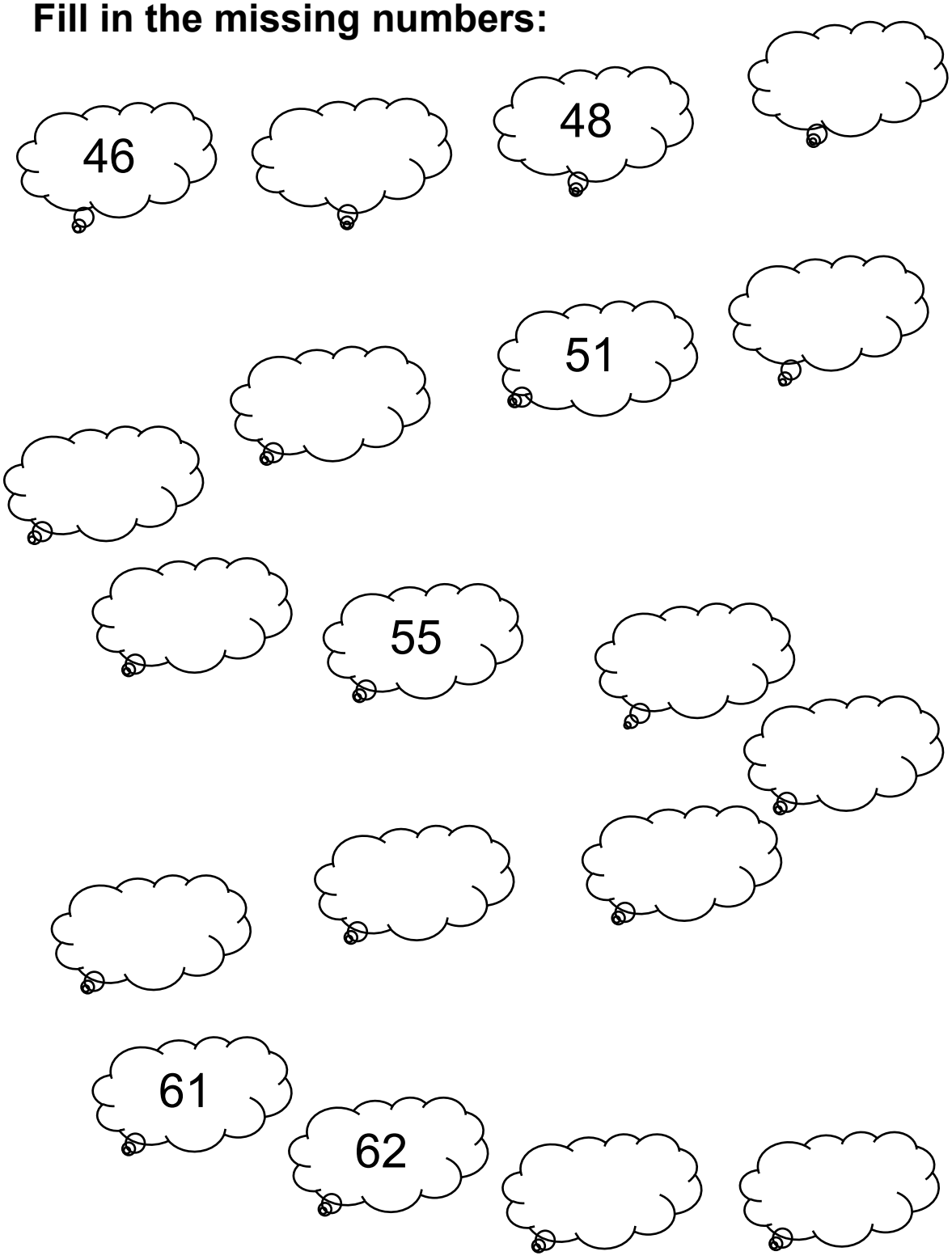
Fill in the missing numbers:



Now colour all the **odd number** shapes with your favourite colour.

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Counting - fill in the missing numbers

1. 18 19 20 ☐ 22 ☐ ☐ 25

2. 36 37 ☐ 39 ☐ ☐ 42 ☐

3. 25 26 27 ☐ ☐ ☐ ☐ 32

4. 87 88 ☐ ☐ ☐ 92 ☐ 94

Well done so far, I hope!
Keep it up!

5. ☐ 63 64 ☐ ☐ ☐ ☐ 69

6. ☐ ☐ ☐ 42 43 ☐ ☐ ☐

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Counting - fill in the missing numbers

1. 16 17 18 ☐ 20 ☐ ☐

2. 78 79 ☐ 81 ☐ ☐ 84 ☐

3. 33 34 35 ☐ ☐ ☐ ☐ 40

4. 18 19 ☐ ☐ ☐ 23 ☐

Keep on counting,
counting,
counting!

5. ☐ 58 59 ☐ ☐ ☐ ☐ 64

6. ☐ ☐ ☐ 67 68 ☐ ☐ ☐

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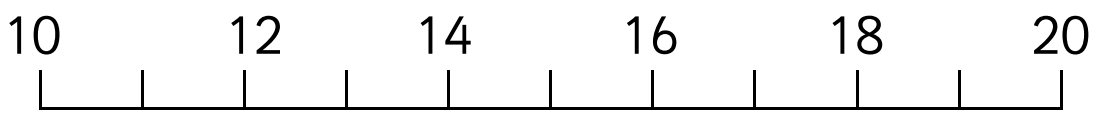
Number lines

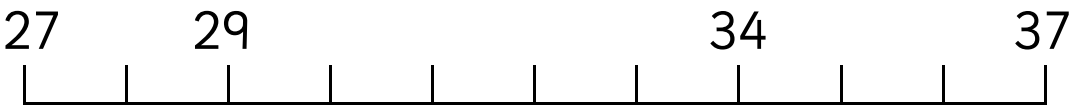
Fill in the gaps in these number lines:

1.

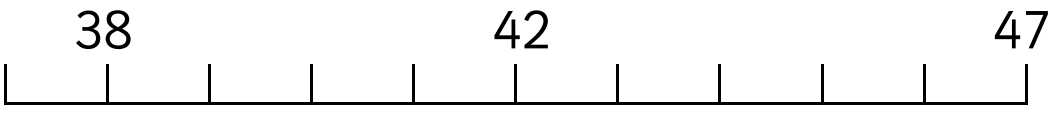


2.

3.



4.



5.

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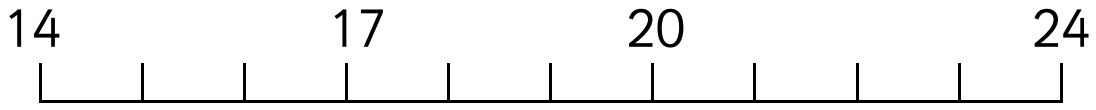
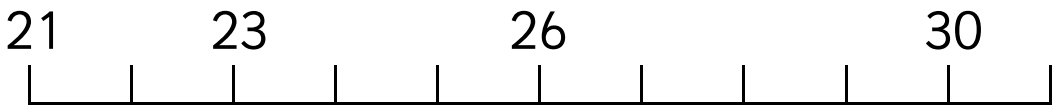
Number lines

Fill in the gaps in these number lines:

1.



2.



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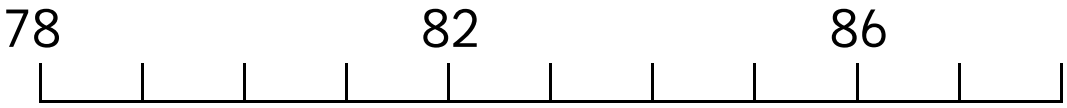

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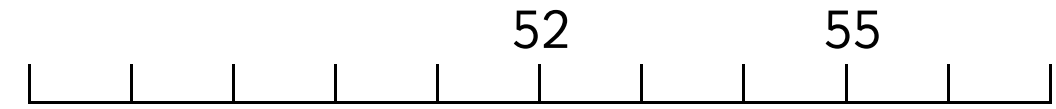
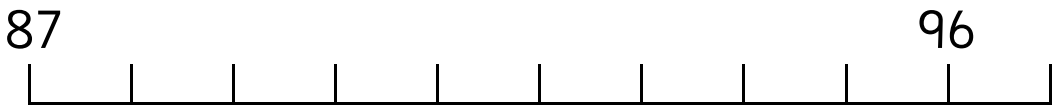


5.



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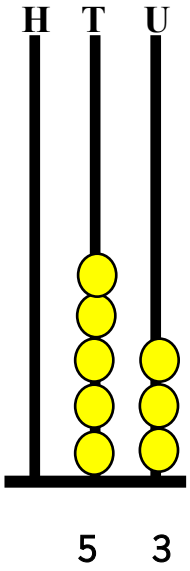
The abacus

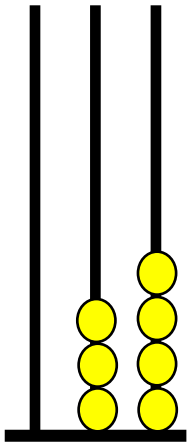


The abacus is a way of showing numbers.

This abacus has 5 in the tens and 3 in the units making 53 in all.

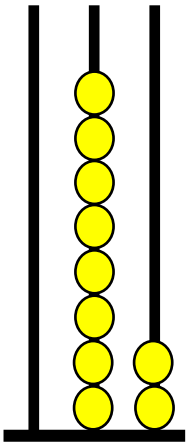
Write down what the abacus shows on each of these:

1.



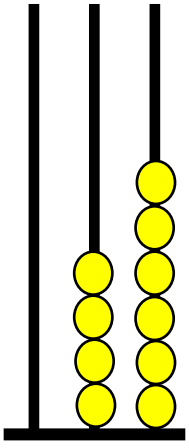
1. ----------

2.



2. ----------

3.



3. ----------

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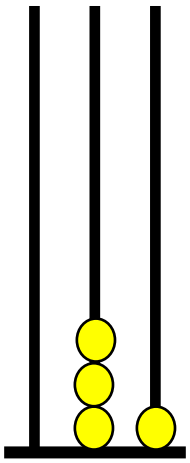
Write down in numbers and words what each of these shows:

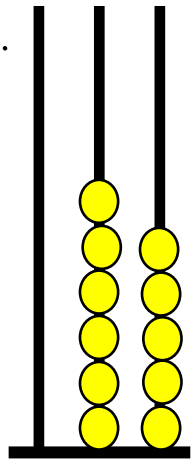
1.



Number ☐

Words ----------

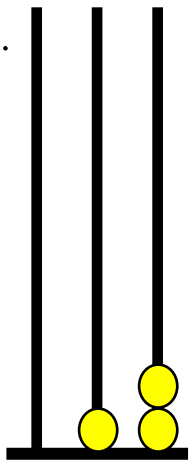
2.



Number ☐

Words ----------

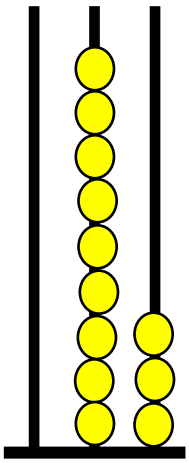
3.



Number ☐

Words ----------

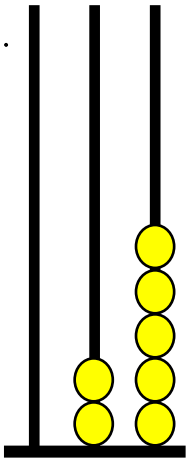
4.



Number ☐

Words ----------

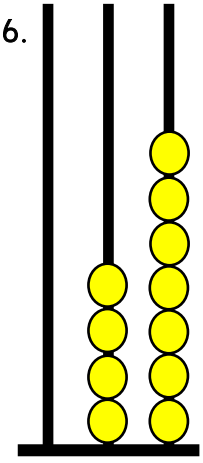
5.



Number ☐

Words ----------

6.



Number ☐

Words ----------

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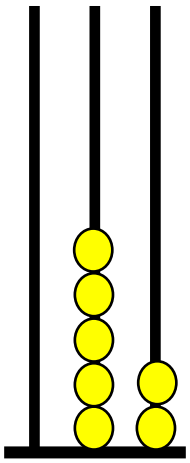
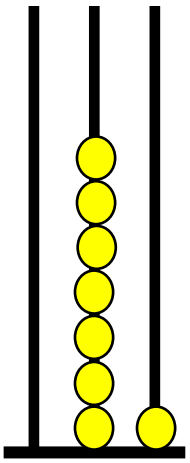
Write down in numbers and words what each of these shows:

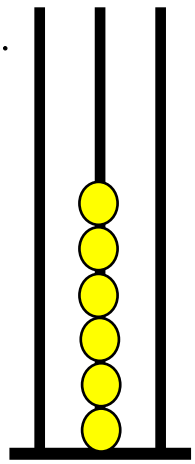
1.



2.



3.

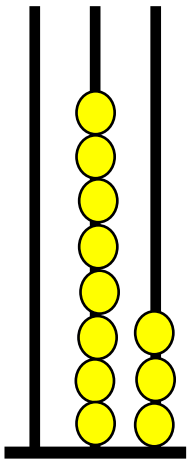


Number ☐ ☐ ☐

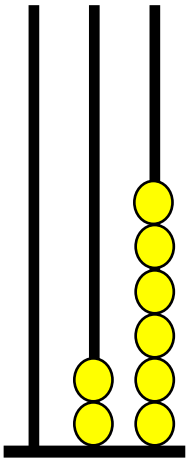
Words ---------- ---------- ----------

---------- ---------- ----------

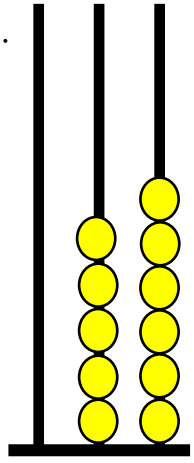
4.



5.



6.



Number ☐ ☐ ☐

Words ---------- ---------- ----------

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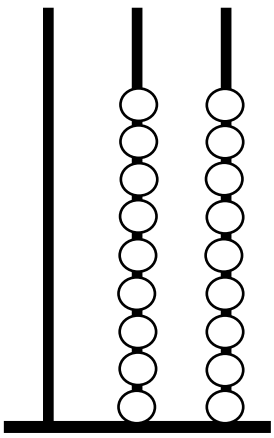
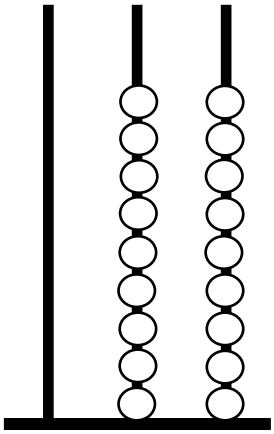
The abacus

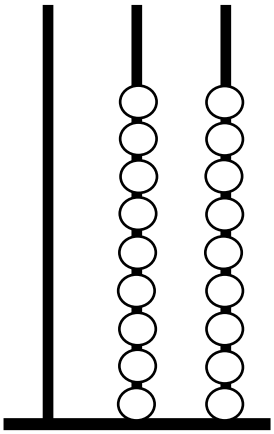
Colour in the numbers shown on these:



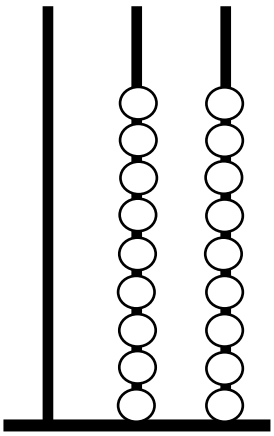
1. 38



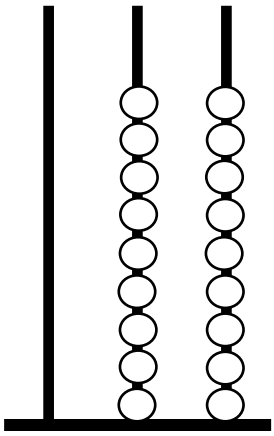
2. 61



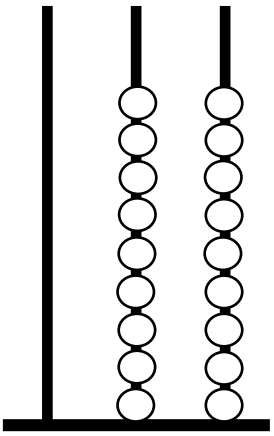
3. 49



4. twenty nine



5. ninety three



6. sixty five

If you finished all these, well done!

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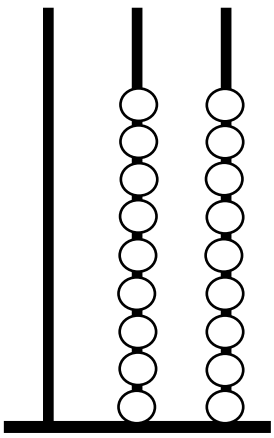
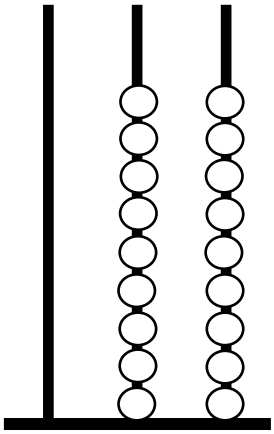
The abacus

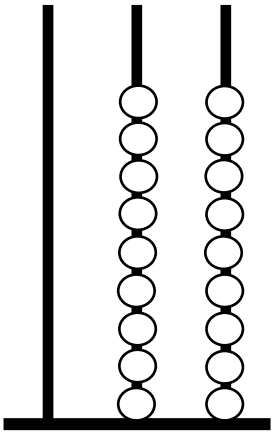
Colour in the numbers shown on these:



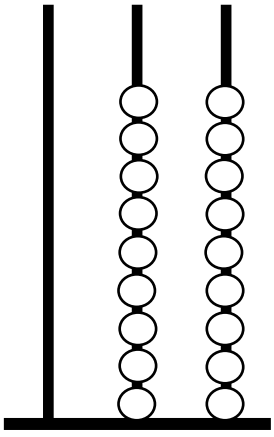
1. 17



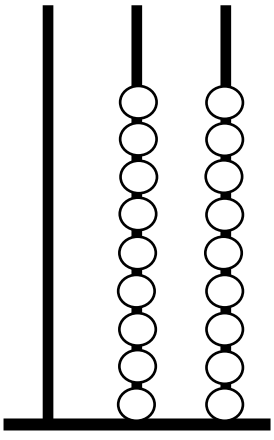
2. 63



3. 47



4. fifty one



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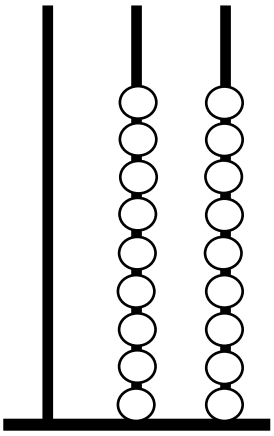

6. nineteen

All these circles are sending me dizzy!

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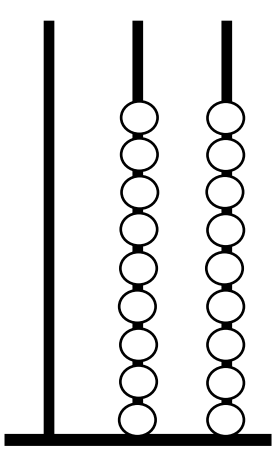
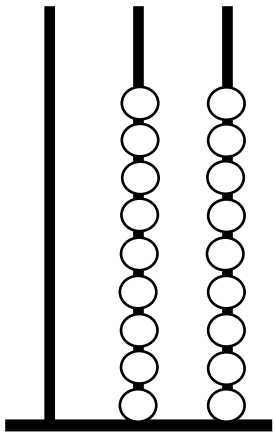
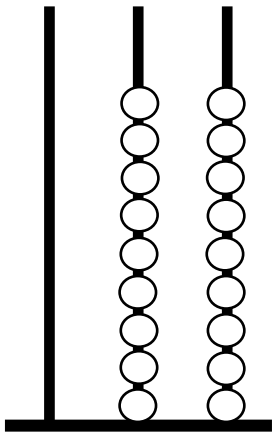
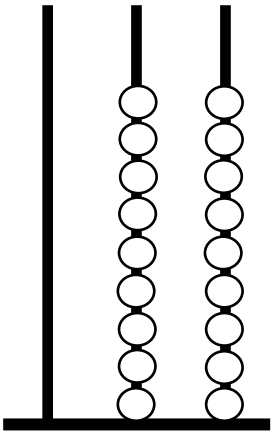
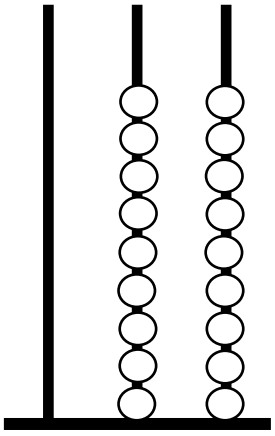
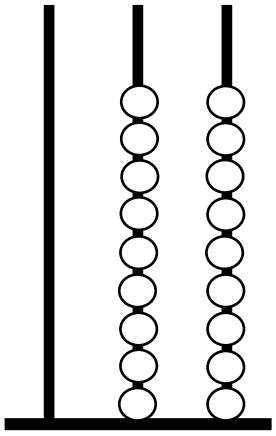
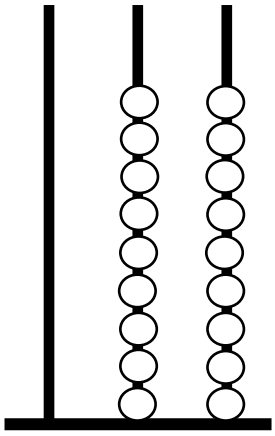
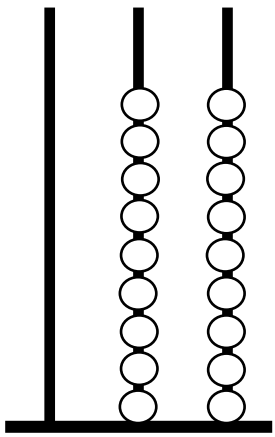
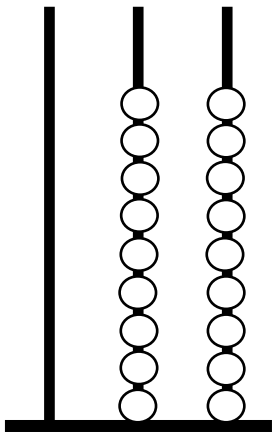

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Answers

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1. 21 **2.** 43 **3.** 36 **4.** 22

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1. 37 **2.** 12 **3.** 45 **4.** 50

Page 8

eleven twelve thirteen fourteen fifteen sixteen
seventeen eighteen nineteen

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twenty thirty forty fifty sixty seventy eighty ninety one hundred

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1. 34 **2.** 82 **3.** 46

Page 17

1. 31 thirty one **2.** 65 sixty five **3.** 12 twelve
4. 93 ninety three **5.** 25 twenty five **6.** 47 forty seven

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1. 52 fifty two **2.** 71 seventy one **3.** 60 sixty
4. 83 eighty three **5.** 26 twenty six **6.** 56 fifty six