

# Unit 1 Numbers to 100

## Counting to 20

1	2	3	4	5
one	two	three	four	five

6	7	8	9	10
six	seven	eight	nine	ten

11	12	13	14	15
eleven	twelve	thirteen	fourteen	fifteen

16	17	18	19	20
sixteen	seventeen	eighteen	nineteen	twenty

These are the numbers to 20. Try to learn the order of the numbers.

1 Join the numbers to the matching words.

4 20 9 18 2 11 14 5 16 7

one two three four five six seven eight

nine ten eleven twelve thirteen fourteen fifteen

sixteen seventeen eighteen nineteen twenty

13 6 1 10 15 3 17 12 8 19

**2** Write these numbers in order.

a) 8 12 11 10 9

b) 20 17 18 16 19

c) 6 7 4 8 5

d) 17 13 15 14 16

e) 5 3 2 4 1

f) 11 13 10 14 12

**3** Write the missing numbers.

a) 3   6 7

b) 14 15   18

c) 5 6 7

d)   14 15 16

e) 6   9 10

f) 9  11  13

# Counting in tens

0 10 20 30 40 50 60 70 80 90 100

0	10	20	30	40	50
zero	ten	twenty	thirty	forty	fifty

60	70	80	90	100
sixty	seventy	eighty	ninety	one hundred

Use the tens to help count to 100. 100 is the number after 99.

**1** Write the next two numbers.

a) 0 10 20 30

b) 50 60 70 80

c) 30 40 50 60

d) 20 30 40 50

e) 40 50 60 70

f) 10 20 30 40

**2** Write the missing numbers.

a) 10  30  50 60

b) 40 50  70 80

c)    60 70 80

d) 0 10    50

e) 20 30  50

f)  50 60   90

**3** Write the missing numbers.

a) 0  20 30  50

b) 0 10  30 40

c) 10 20  40  60

d) 30 40 50   80

e) 20   50 60 70

f) 0 10   40 50

**Try this**

Count back in tens. Write the next number.

a) 50 → 40 → 30 → 20 →

b) 100 → 90 → 80 → 70 →

c) 80 → 70 → 60 → 50 →

d) 60 → 50 → 40 → 30 →

# Counting to 100

Use this 100-square to help you read the numbers to 100.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

**1** Write each set of numbers in order.

a) 38 35 39 37 36

b) 10 9 13 12 11

c) 93 90 92 94 91

d) 76 80 77 79 78

e) 48 52 51 49 50

f) 24 25 22 26 23

**2** Write the larger number in each pair.



**3** Write these numbers as words.

19 →	_____	<input type="text"/>	_____
13 →	_____	<input type="text"/>	_____
17 →	_____	<input type="text"/>	_____
11 →	_____	<input type="text"/>	_____
80 →	_____	<input type="text"/>	_____
42 →	_____	<input type="text"/>	_____
64 →	_____	<input type="text"/>	_____
75 →	_____	<input type="text"/>	_____
58 →	_____	<input type="text"/>	_____

What is the hidden number in the boxes?

**Try this**

Make different 2-digit numbers using only these three digits.

Write the numbers you have made in order, starting with the smallest.



**Example**



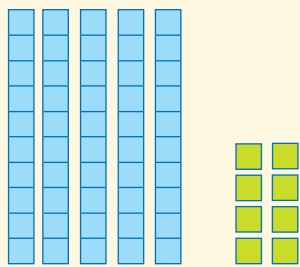
Smallest 23 26 32 36 62 63 Largest

# Place value

## Example 1

$$58 = 50 + 8$$

tens	units
5	8



The 5 stands for 50

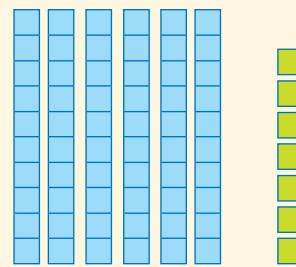
The 8 stands for  $\frac{8}{58}$

58 is fifty-eight

## Example 2

$$67 = 60 + 7$$

tens	units
6	7



The 6 stands for 60

The 7 stands for  $\frac{7}{67}$

67 is sixty-seven

**1** Write these words as numbers.

**a)** forty-three

**b)** ninety-six

**c)** fifty-two

**d)** eighty-seven

**e)** twenty-four

**f)** sixty-nine

**2** Write these numbers as words.

**a)** 71

**b)** 38

**c)** 59

**d)** 95

**e)** 22

**f)** 87

**3** Write each number as tens and ones.

**Example**  $89 \rightarrow 80 + 9$

a)  $47 \rightarrow \square + \square$

b)  $91 \rightarrow \square + \square$

c)  $75 \rightarrow \square + \square$

d)  $82 \rightarrow \square + \square$

e)  $66 \rightarrow \square + \square$

f)  $58 \rightarrow \square + \square$

**4** Write the missing numbers.

a) 
$$\begin{array}{r} 20 \\ + \quad 1 \\ \hline \square \square \\ \hline \end{array}$$

b) 
$$\begin{array}{r} 30 \\ + \quad \square \\ \hline 36 \\ \hline \end{array}$$

c) 
$$\begin{array}{r} \square \square \\ + \quad 9 \\ \hline 49 \\ \hline \end{array}$$

d) 
$$\begin{array}{r} 80 \\ + \quad 2 \\ \hline \square \square \\ \hline \end{array}$$

e) 
$$\begin{array}{r} 70 \\ + \quad \square \\ \hline 74 \\ \hline \end{array}$$

f) 
$$\begin{array}{r} \square \square \\ + \quad 7 \\ \hline 57 \\ \hline \end{array}$$

g)  $30 + \square = 31$

h)  $80 + 5 = \square \square$

i)  $60 + \square = 67$

j)  $\square \square + 8 = 18$

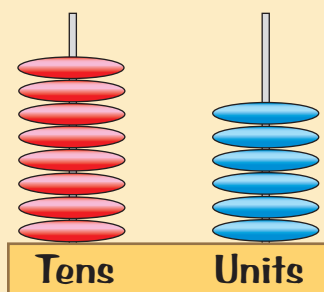
k)  $90 + 2 = \square \square$

l)  $\square \square + 4 = 74$



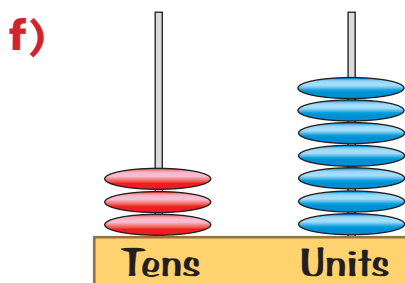
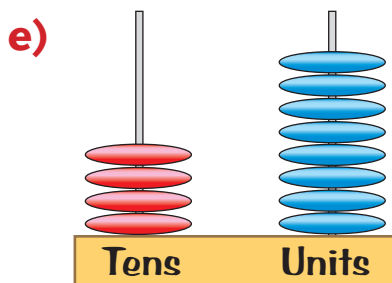
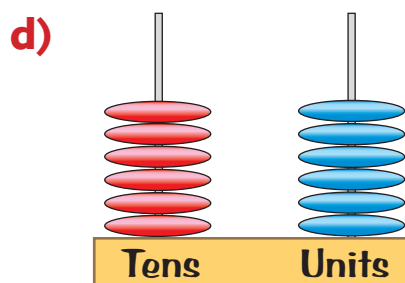
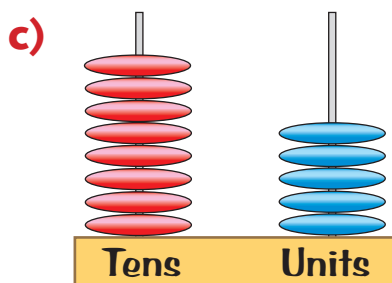
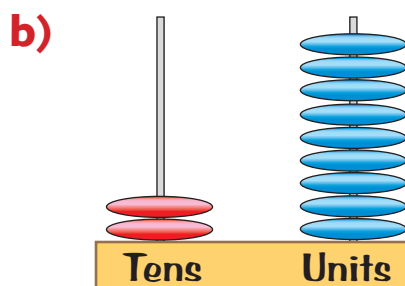
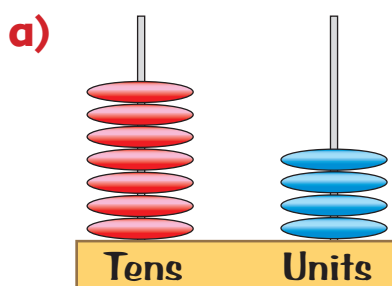
# Using an abacus

This abacus shows the number 86.



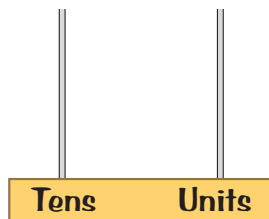
$$\begin{array}{r} 8 \text{ tens} \\ 80 \end{array} + \begin{array}{r} 6 \text{ units} \\ 6 \end{array} = 86$$

**1** Write the number shown on each abacus.

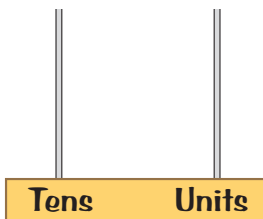


**2** Draw the correct numbers of beads to show these numbers.

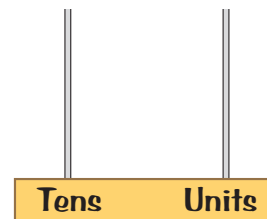
**a)** 35



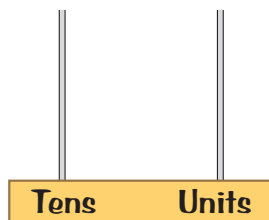
**b)** 54



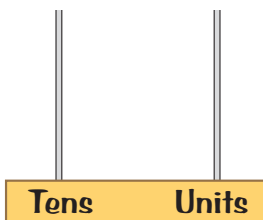
**c)** 27



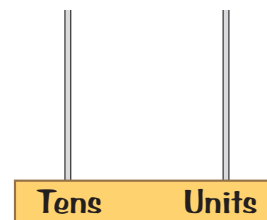
**d)** 86



**e)** 13

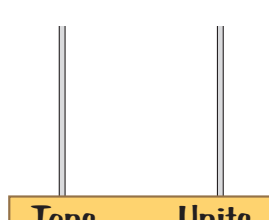


**f)** 68

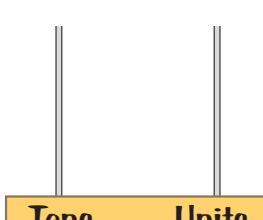


**3** Draw beads on each abacus to make these numbers.

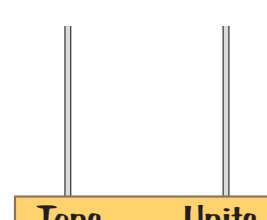
**a)** 24



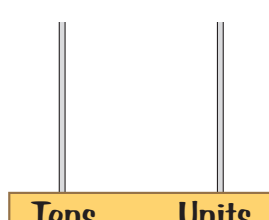
**b)** 16



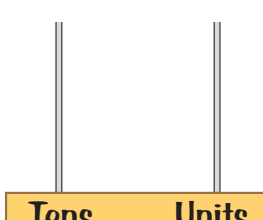
**c)** 32



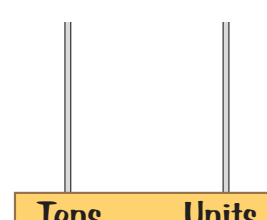
**d)** 51



**e)** 43



**f)** 65



### Assessment

Use 8 beads on an abacus.  
How many different numbers  
can you make?

Write the numbers in a  
list in order.

