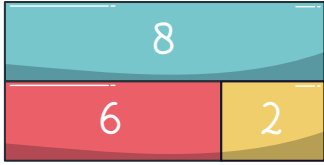


Representing Numbers to 100



Pictorial



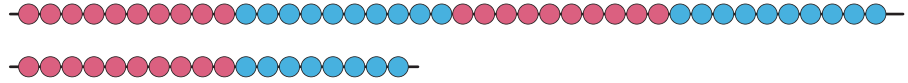
1) Count the beads on the bead string and complete the sentences.

a)



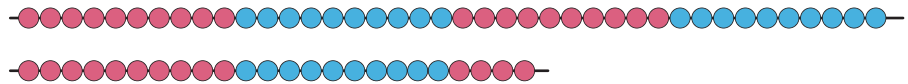
There are ___ tens and ___ ones. The number is ___.

b)



There are ___ tens and ___ ones. The number is ___.

c)



There are ___ tens and ___ ones. The number is ___.

Representing Numbers to 100

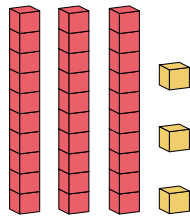
$2+2=4$
Fluency



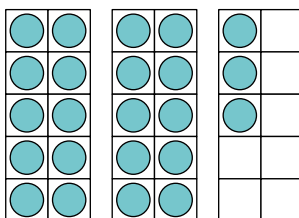
2) Draw lines to match each number to its representation.



33



13

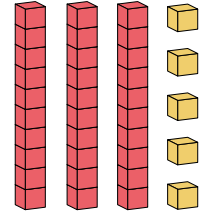
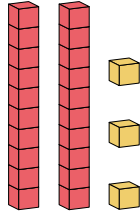


23

Representing Numbers to 100

3)

a)

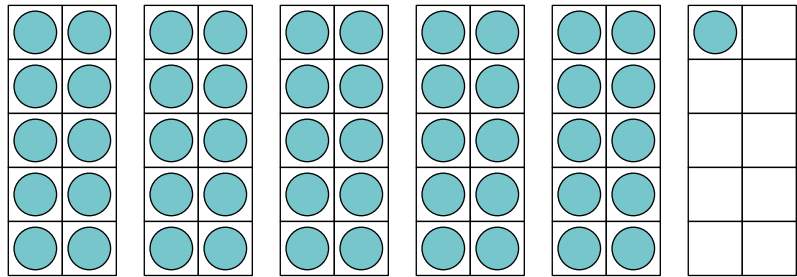
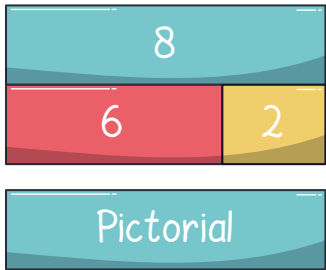


There are ___ tens and ___ ones.

The number is ___.

There are ___ tens and ___ ones.

The number is ___.



There are ___ tens and ___ ones.

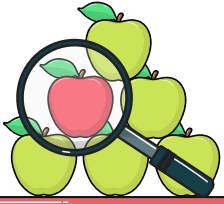
The number is ___.

b) Draw a representation of the numbers below and write a number sentence.

| Number | Representation | Sentence |
|--------|----------------|----------|
| 77 | | |
| 53 | | |
| 38 | | |



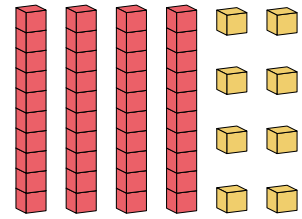
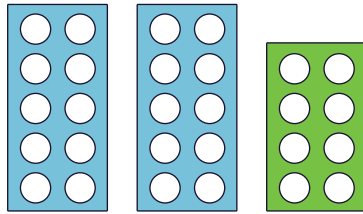
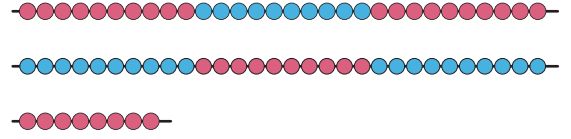
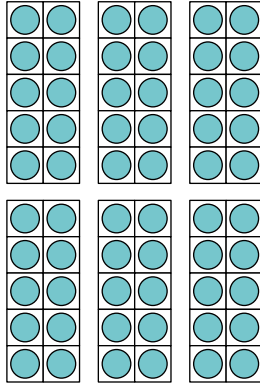
Representing Numbers to 100



Odd one out



4) Which is the odd one out?



Representing Numbers to 100

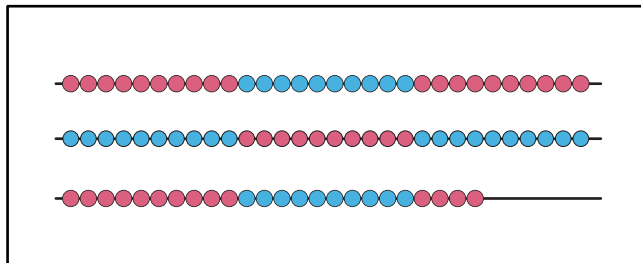
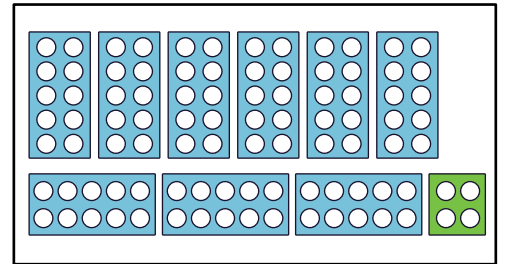
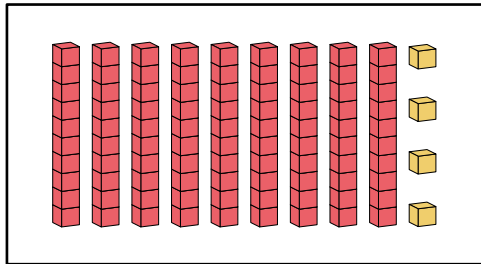


Explanation



5) Megan thinks two of these images represent 94.

Is she correct? Explain why.



Representing Numbers to 100



Pictorial



ANSWERS

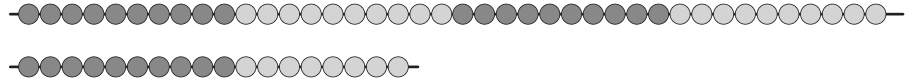
1) Count the beads on the bead string and complete the sentences.

a)



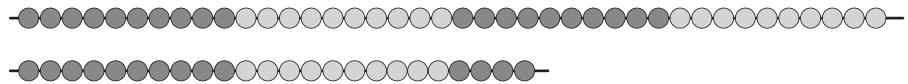
There are 4 tens and 5 ones. The number is 45.

b)



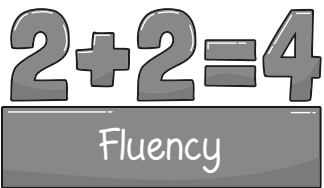
There are 5 tens and 8 ones. The number is 58.

c)



There are 6 tens and 4 ones. The number is 64.

Representing Numbers to 100

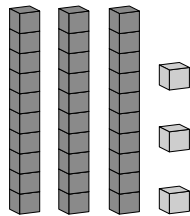


ANSWERS

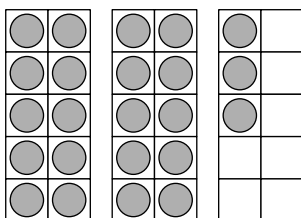
2) Draw lines to match each number to its representation.



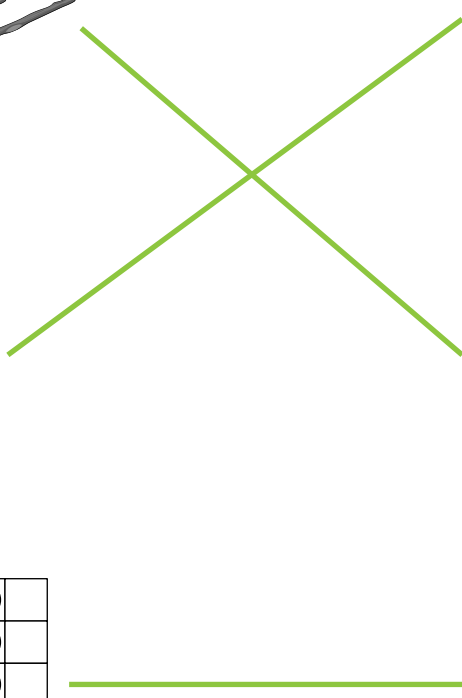
33



13



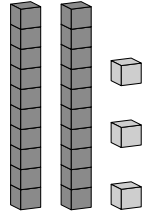
23



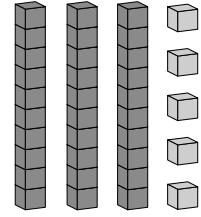
Representing Numbers to 100

3)

a)



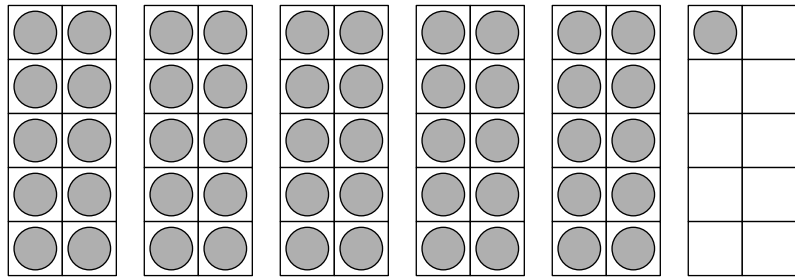
There are 2 tens and 3 ones.
The number is 23.



There are 3 tens and 5 ones.
The number is 35.

| | |
|---|---|
| 8 | |
| 6 | 2 |

Pictorial



There are 5 tens and 1 ones.
The number is 51.



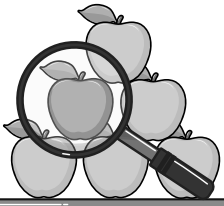
b) Draw a representation of the numbers below and write a number sentence.

Answers may vary, accept any accurate representation.

| Number | Representation | Sentence |
|--------|----------------|---|
| 77 | | There are seven tens and 7 ones. The number is 77. |
| 53 | | There are five tens and 3 ones. The number is 53. |
| 38 | | There are 3 tens and 8 ones. The number is 38. |

ANSWERS

Representing Numbers to 100



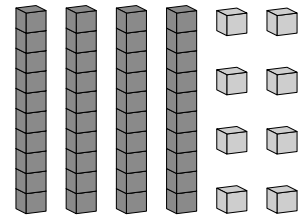
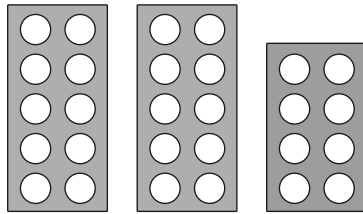
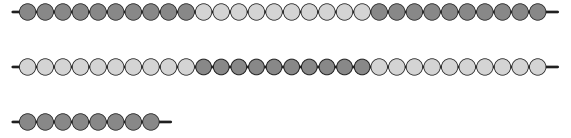
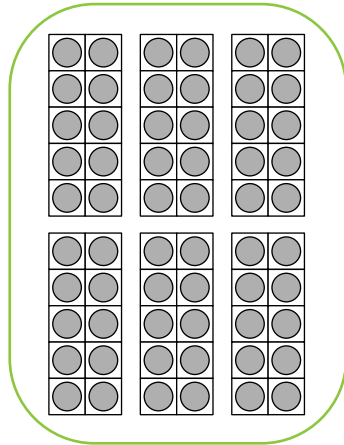
Odd one out



ANSWERS

4) Which is the odd one out?

58 is the odd one out because it has an odd number of tens. Every other number has an equal number of tens.



Representing Numbers to 100



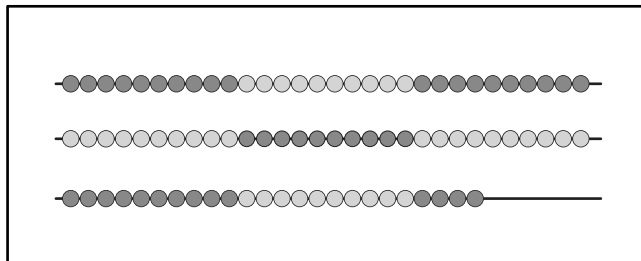
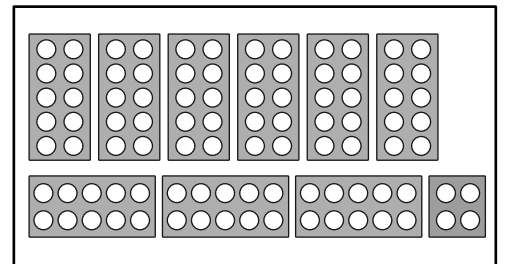
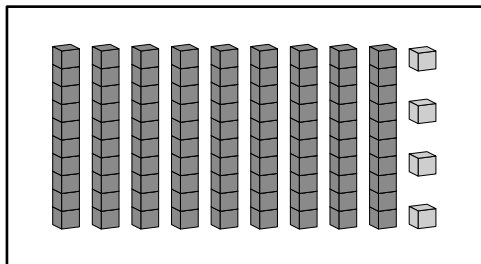
Explanation



ANSWERS

5) Megan thinks two of these images represent 94.

Is she correct? Explain why.

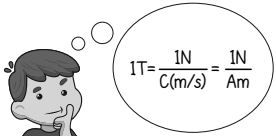


Megan is correct. The dienes show 9 tens and 4 ones. The numicon

shows 9 tens and 4 one. However, the bead string shows 8 tens and 4

ones which is 84.

Representing Numbers to 100

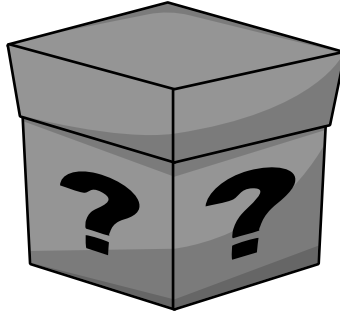


Problem solving

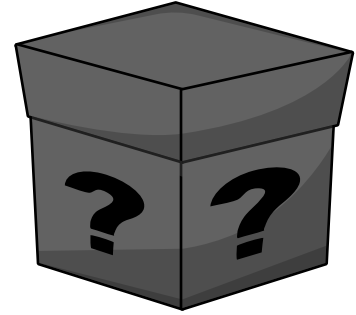


ANSWERS

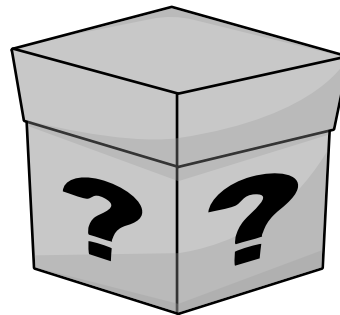
6) Joanne has mystery boxes with different numbers inside them.
Each box has 2 digits.



Mystery box 1
Less than 3 tens
Has 4 ones



Mystery box 2
5 tens



Mystery box 3
More than 6 tens
Less than 2 ones

What numbers could be in the boxes?
Using the clues represent the numbers inside the boxes.

Various answers – accept any number from the list below:

Mystery box 1: 14 or 24

Mystery box 2: 50, 51, 52, 53, 54, 55, 56, 57, 57, 58, 59

Mystery box 3: 70, 71, 80, 81, 90, 91

Base 10, lines and dots, numicon may be used to represent the numbers.