

Date: _____

Chapter 3 Section B : Use Complements of Numbers (3.B.1)

Objective:

Recognise complements of 100 and complements of multiples of 10 or 100 up to 1000

Complements of 10 are **number pairs** that add up to 10.

Complements of 100 are **number pairs** that add up to 100.

When we are finding complements of a 100, the sum of the digits in the 1s place is 10 and the sum of the digits in the 10s place is 9.

$$\begin{array}{c} 55 + 45 = 100 \\ \begin{array}{cc} \text{5} & \text{5} \\ \text{5} & \text{4} \end{array} \\ \begin{array}{cc} \text{5} + \text{4} = 9 & \text{5} + \text{5} = 10 \end{array} \end{array}$$

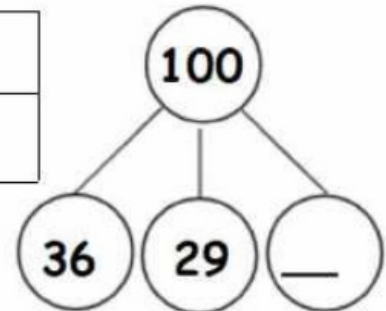
Q1. Match the numbers that add up to 100. [**Complements of 100**]

45	64
36	48
29	55
52	61
39	71

Q2. Ruby, Tom and Steve have 100 beads in all.

The table shows the number of beads Ruby and Tom have.

Name	Ruby	Tom	Steve
Number of beads	36	29	

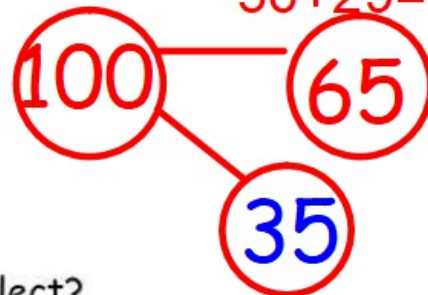


How **many** beads does Steve have?

35 and 65 make 100

So, Steve has 35 beads

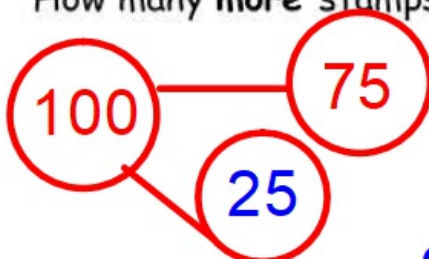
$$36 + 29 = 65$$



Q3. Karen has 75 stamps.

She wants to collect 100 stamps.

How many **more** stamps must she collect?



Karen must collect 25 more stamps.

Q4. Fill in the blanks.

a) 8 and 2 are complements of 10.

b) 70 and 30 are complements of 100.