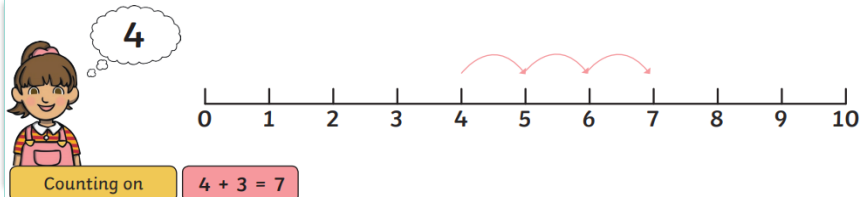


Addition counting forwards along a number line



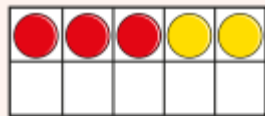
addend + addend = sum

Addition Pictorial Representations

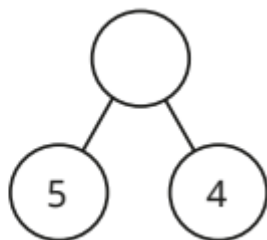
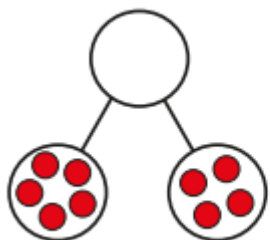


First there were 3 children on the bus.  
Then 2 more children got on the bus.  
Now there are 5 children on the bus.

$$3 + 2 = 5$$

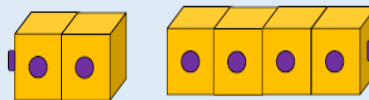


Part-Whole Models



$$5 + 4 = 9$$

$$9 = 5 + 4$$



$$6 = 2 + 4$$

Vocabulary

addition
add
altogether
total
plus
the sum of
more than
subtraction
subtract
take away
less than
equals
sum
addend
minuend
subtrahend
difference

Subtraction counting back along a number line

7 - 3 = 4



Counting back



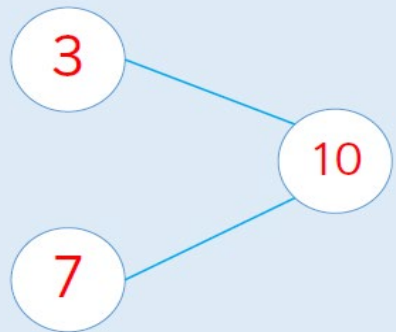
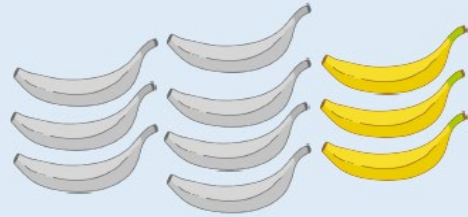
Pictorial Representation

Subtraction pictorial representations



7 - 2 = 5

10 - 7 = 3



Related addition and subtraction facts



5 + 4 = 9, 4 + 5 = 9, 9 - 5 = 4, 9 - 4 = 5, 9 = 5 + 4, 9 = 4 + 5, 4 = 9 - 5, 5 = 9 - 4

Minuend- subtrahend = difference