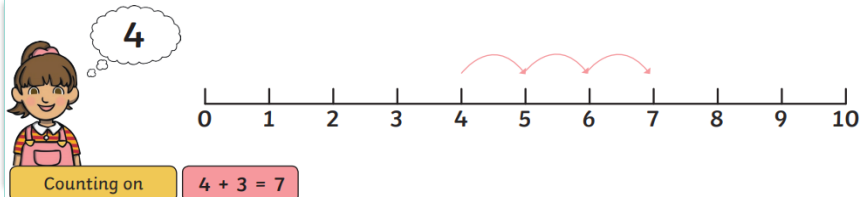


Addition counting forwards along a number line



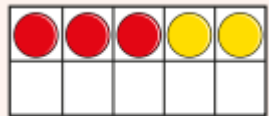
addend + addend = sum

Addition Pictorial Representations

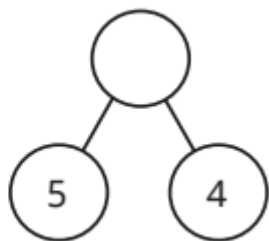
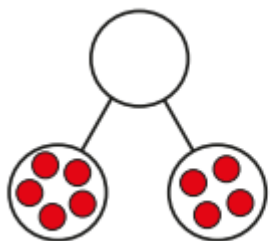


First there were 3 children on the bus.
Then 2 more children got on the bus.
Now there are 5 children on the bus.

$$3 + 2 = 5$$

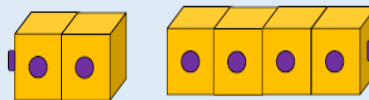


Part-Whole Models



$$5 + 4 = 9$$

$$9 = 5 + 4$$



$$6 = 2 + 4$$

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



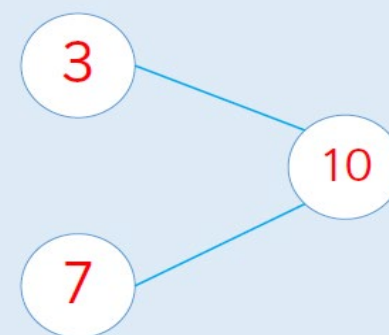
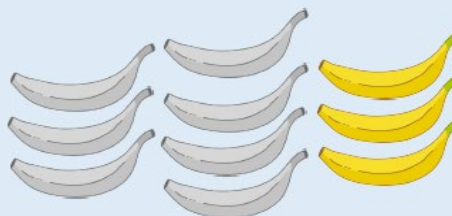
Pictorial Representation

Subtraction pictorial representations



$$7 - 2 = \underline{5}$$

$$10 - 7 = 3$$



Related addition and subtraction facts



$5 + 4 = 9$	$9 = 5 + 4$
$4 + 5 = 9$	$9 = 4 + 5$
$9 - 5 = 4$	$4 = 9 - 5$
$9 - 4 = 5$	$5 = 9 - 4$

Minuend- subtrahend = difference