Year One
Addition and Subtraction to 20

all different • all equal • all smiling
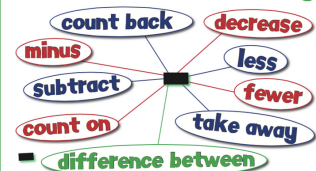COOPERS LANE

Number bonds

Addition Vocabulary

increase   add   total
+   plus   addition
more   +   count on
sum   altogether

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Addition Calculation

$4 + 2 = 6$

(add)   (equals)

addend   total
+   addend   sum

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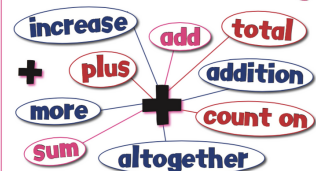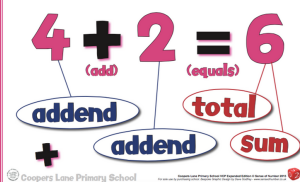
Subtraction Vocabulary

count back   decrease
minus   less
subtract   fewer
count on   take away
−   difference between

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Subtraction Calculation

$6 - 2 = 4$

(subtract)   (equals)

minuend   difference
−   subtrahend
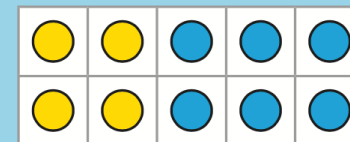
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0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
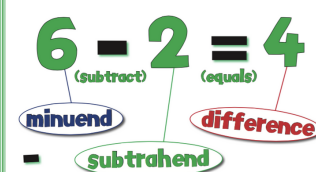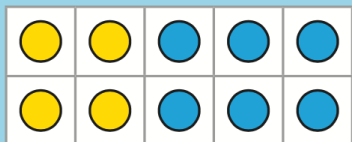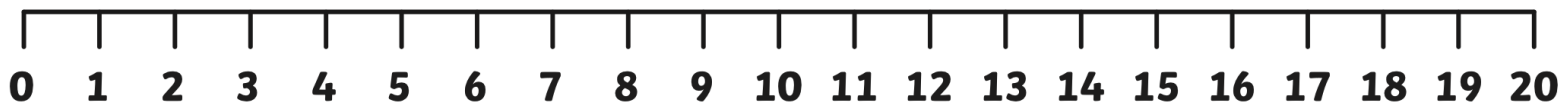
$4 + 6 = 10$
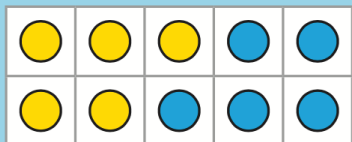$10 - 6 = 4$

$4 + 6 < 14 + 6$

$14 = 20 - 6$
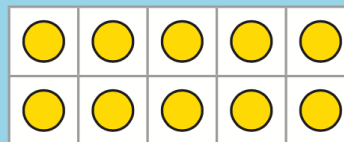
$14 + 6 = 20$
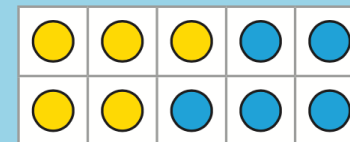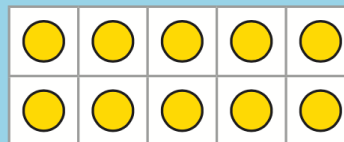$20 - 6 = 14$

$5 + 5 = 10$
$10 - 5 = 5$

$20 - 5 > 20 - 6$

$15 + 5 = 20$
$20 - 5 = 15$

$$9 + 4 = 13$$

First   Then   Now
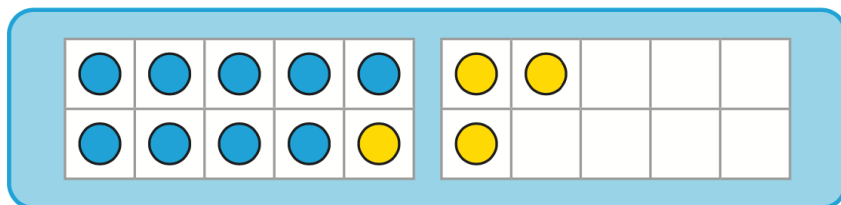
> I partitioned 4 into 1 and 3.
>
> $9 + 1 = 10$
>
> $10 + 3 = 13$

$$12 - 5 = 7$$

First

Then

Now
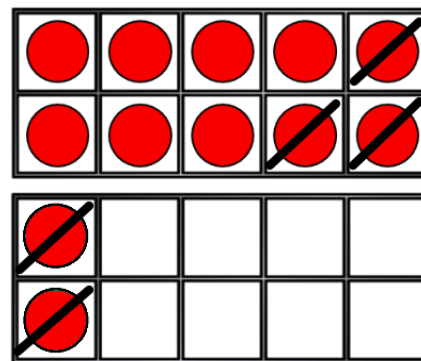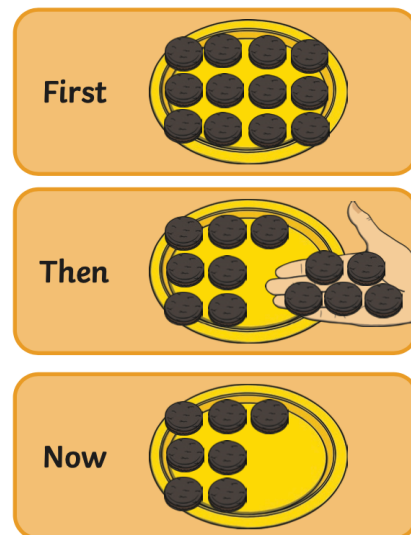
> I partitioned 5 into 2 and 3.
>
> $12 - 2 = 10$
>
> $10 - 3 = 7$