



Maths Knowledge Organiser—Year 1

Addition and Subtraction

Key Knowledge:

Key Vocabulary:

- Add
- Altogether
- Subtract
- Take away
- Equals
- Total
- Part
- Whole

$4 + 6 = 10$
 $10 - 6 = 4$

$4 + 6 < 14 + 6$

$14 = 20 - 6$

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

take away distance between
 difference — less than
 between difference

put together sum total
 altogether + add
 more than

Number bonds to 10

- $0 + 10 = 10$
- $1 + 9 = 10$
- $2 + 8 = 10$
- $3 + 7 = 10$
- $4 + 6 = 10$
- $5 + 5 = 10$
- $6 + 4 = 10$
- $7 + 3 = 10$
- $8 + 2 = 10$
- $9 + 1 = 10$
- $10 + 0 = 10$

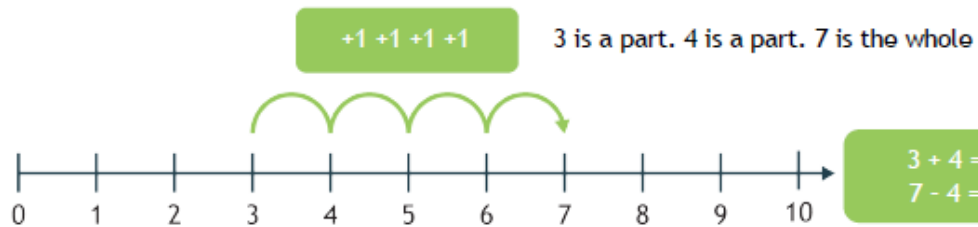
- $10 - 0 = 10$
- $10 - 1 = 9$
- $10 - 2 = 8$
- $10 - 3 = 7$
- $10 - 4 = 6$
- $10 - 5 = 5$
- $10 - 6 = 4$
- $10 - 7 = 3$
- $10 - 8 = 2$
- $10 - 9 = 1$
- $10 - 10 = 0$

Number bonds to 20

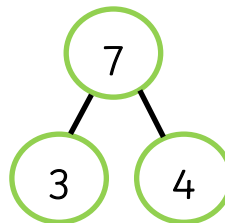
- $0 + 20 = 20$
- $1 + 19 = 20$
- $2 + 18 = 20$
- $3 + 17 = 20$
- $4 + 16 = 20$
- $5 + 15 = 20$
- $6 + 14 = 20$
- $7 + 13 = 20$
- $8 + 12 = 20$
- $9 + 11 = 20$
- $10 + 10 = 20$

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

Adding and subtracting on a number line



$3 + 4 = 7$
 $7 - 4 = 3$



Representing on a part-whole model

$5 + 3 = 8$
 $8 - 3 = 5$

Representing with Numicon

