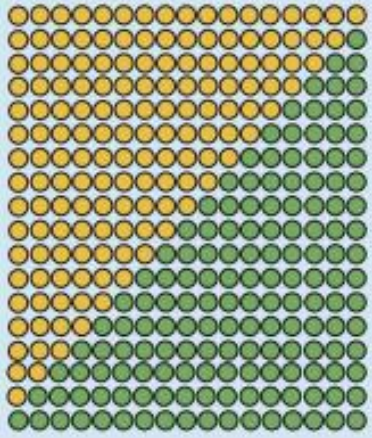
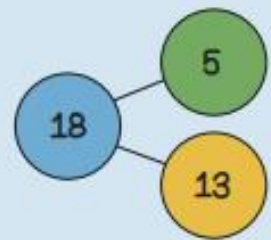


17 = 17 + 0
 17 = 16 + 1
 17 = 15 + 2
 17 = 14 + 3
 17 = 13 + 4
 17 = 12 + 5
 17 = 11 + 6
 17 = 10 + 7
 17 = 9 + 8
 17 = 8 + 9
 17 = 7 + 10
 17 = 6 + 11
 17 = 5 + 12
 17 = 4 + 13
 17 = 3 + 14
 17 = 2 + 15
 17 = 1 + 16
 17 = 0 + 17



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

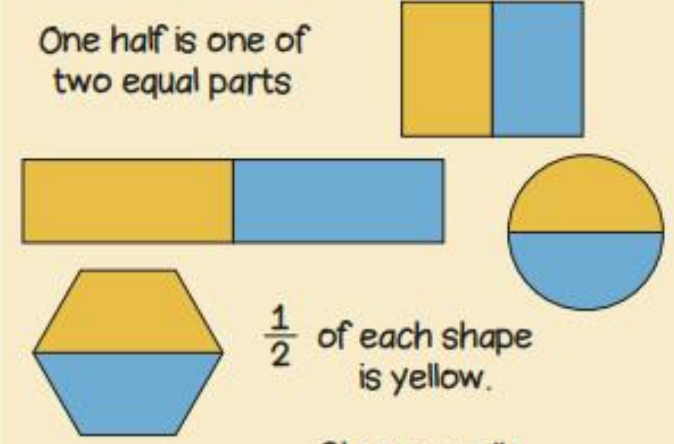
18 = 18 + 0
 18 = 17 + 1
 18 = 16 + 2
 18 = 15 + 3
 18 = 14 + 4
 18 = 13 + 5
 18 = 12 + 6
 18 = 11 + 7
 18 = 10 + 8
 18 = 9 + 9
 18 = 8 + 10
 18 = 7 + 11
 18 = 6 + 12
 18 = 5 + 13
 18 = 4 + 14
 18 = 3 + 15
 18 = 2 + 16
 18 = 1 + 17
 18 = 0 + 18



5 is one part
 13 is one part
 18 is the whole

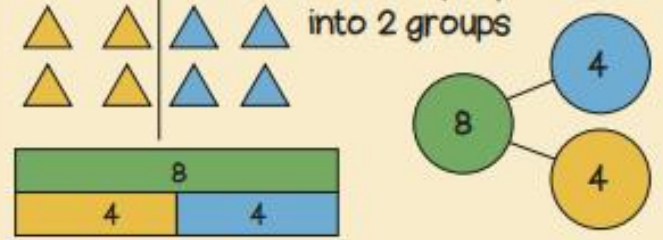
18 - 0 = 18
 18 - 1 = 17
 18 - 2 = 16
 18 - 3 = 15
 18 - 4 = 14
 18 - 5 = 13
 18 - 6 = 12
 18 - 7 = 11
 18 - 8 = 10
 18 - 9 = 9
 18 - 10 = 8
 18 - 11 = 7
 18 - 12 = 6
 18 - 13 = 5
 18 - 14 = 4
 18 - 15 = 3
 18 - 16 = 2
 18 - 17 = 1
 18 - 18 = 0

One half is one of two equal parts

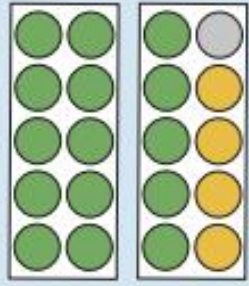


$\frac{1}{2}$ of each shape is yellow.

Share equally into 2 groups



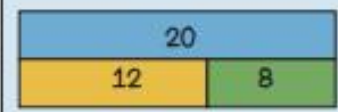
19 = 19 + 0
 19 = 18 + 1
 19 = 17 + 2
 19 = 16 + 3
 19 = 15 + 4
 19 = 14 + 5
 19 = 13 + 6
 19 = 12 + 7
 19 = 11 + 8
 19 = 10 + 9
 19 = 9 + 10
 19 = 8 + 11
 19 = 7 + 12
 19 = 6 + 13
 19 = 5 + 14
 19 = 4 + 15
 19 = 3 + 16
 19 = 2 + 17
 19 = 1 + 18
 19 = 0 + 19



If I know
 $5 + 4 = 9$
 then I also know
 $15 + 4 = 19$

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

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

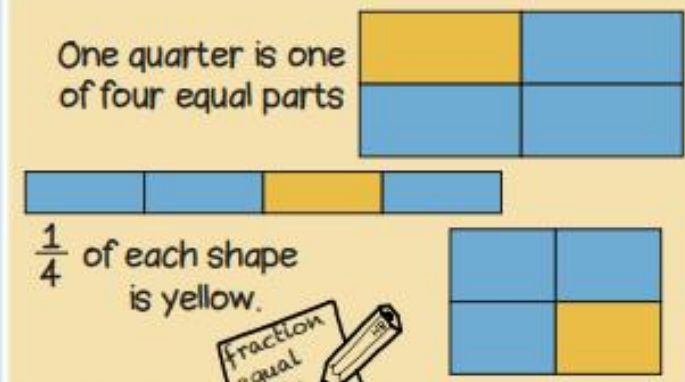


12 is one part
 8 is one part
 20 is the whole

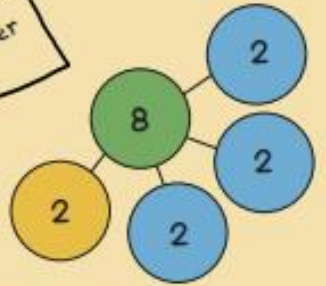


20 - 0 = 20
 20 - 1 = 19
 20 - 2 = 18
 20 - 3 = 17
 20 - 4 = 16
 20 - 5 = 15
 20 - 6 = 14
 20 - 7 = 13
 20 - 8 = 12
 20 - 9 = 11
 20 - 10 = 10
 20 - 11 = 9
 20 - 12 = 8
 20 - 13 = 7
 20 - 14 = 6
 20 - 15 = 5
 20 - 16 = 4
 20 - 17 = 3
 20 - 18 = 2
 20 - 19 = 1
 20 - 20 = 0

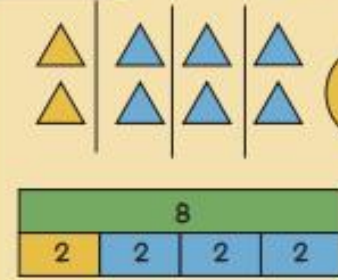
One quarter is one of four equal parts



$\frac{1}{4}$ of each shape is yellow.



Share into 4 equal groups



Year 1 Term 4

← Backward → Forward

quarter
 half
 turn
 left
 right

Coco is above Colin

Colin is below Coco

on top of the table

KeepPupI is between Colin and Coco

One quarter turn right

Three-quarter turn left

Share into 4 equal groups