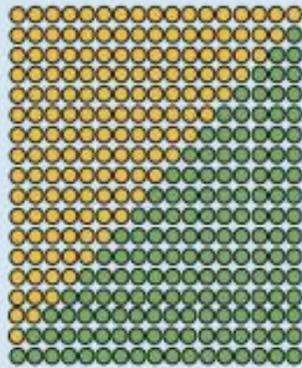
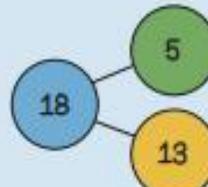


17 = 17 + 0  
 17 = 16 + 1  
 17 = 15 + 2  
 17 = 14 + 3  
 17 = 13 + 4  
 17 = 12 + 5  
 17 = 11 + 6  
 17 = 10 + 7  
 17 = 9 + 8  
 17 = 8 + 9  
 17 = 7 + 10  
 17 = 6 + 11  
 17 = 5 + 12  
 17 = 4 + 13  
 17 = 3 + 14  
 17 = 2 + 15  
 17 = 1 + 16  
 17 = 0 + 17



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

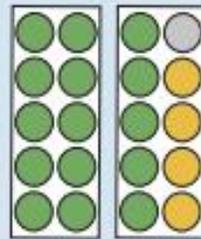
18 = 18 + 0  
 18 = 17 + 1  
 18 = 16 + 2  
 18 = 15 + 3  
 18 = 14 + 4  
 18 = 13 + 5  
 18 = 12 + 6  
 18 = 11 + 7  
 18 = 10 + 8  
 18 = 9 + 9  
 18 = 8 + 10  
 18 = 7 + 11  
 18 = 6 + 12  
 18 = 5 + 13  
 18 = 4 + 14  
 18 = 3 + 15  
 18 = 2 + 16  
 18 = 1 + 17  
 18 = 0 + 18



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

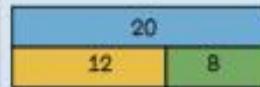
19 = 19 + 0  
 19 = 18 + 1  
 19 = 17 + 2  
 19 = 16 + 3  
 19 = 15 + 4  
 19 = 14 + 5  
 19 = 13 + 6  
 19 = 12 + 7  
 19 = 11 + 8  
 19 = 10 + 9  
 19 = 9 + 10  
 19 = 8 + 11  
 19 = 7 + 12  
 19 = 6 + 13  
 19 = 5 + 14  
 19 = 4 + 15  
 19 = 3 + 16  
 19 = 2 + 17  
 19 = 1 + 18  
 19 = 0 + 19



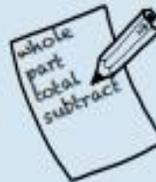
If I know  
 $5 + 4 = 9$   
 then I also know  
 $15 + 4 = 19$

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

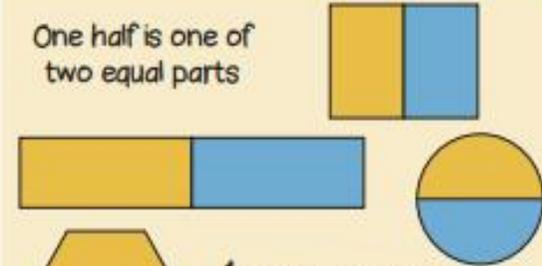


12 is one part  
 8 is one part  
 20 is the whole



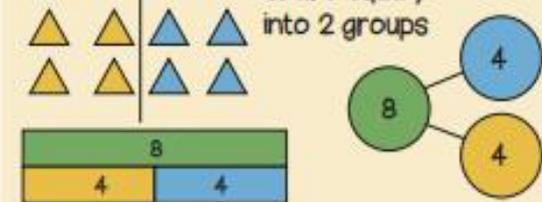
20 - 0 = 20  
 20 - 1 = 19  
 20 - 2 = 18  
 20 - 3 = 17  
 20 - 4 = 16  
 20 - 5 = 15  
 20 - 6 = 14  
 20 - 7 = 13  
 20 - 8 = 12  
 20 - 9 = 11  
 20 - 10 = 10  
 20 - 11 = 9  
 20 - 12 = 8  
 20 - 13 = 7  
 20 - 14 = 6  
 20 - 15 = 5  
 20 - 16 = 4  
 20 - 17 = 3  
 20 - 18 = 2  
 20 - 19 = 1  
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

One half is one of two equal parts

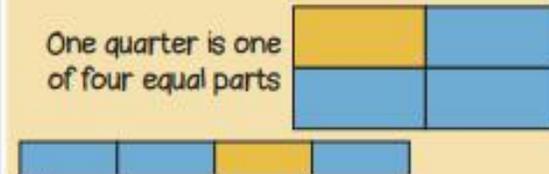


$\frac{1}{2}$  of each shape is yellow.

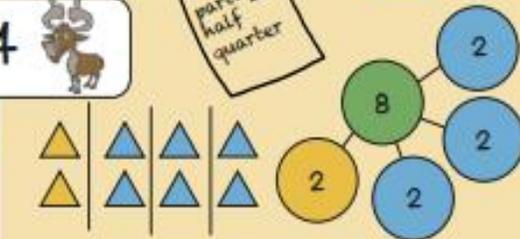
Share equally into 2 groups



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

KeePupI is between Colin and Coco

One quarter turn right

Three-quarter turn left