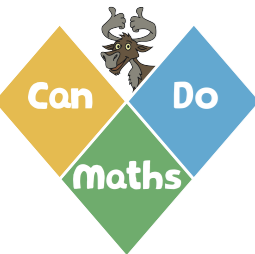


# Subtraction



**Year 1**

5 = 5 + 0    5 - 0 = 5  
 5 = 4 + 1    5 - 1 = 4  
 5 = 3 + 2    5 - 2 = 3  
 5 = 2 + 3    5 - 3 = 2  
 5 = 1 + 4    5 - 4 = 1  
 5 = 0 + 5    5 - 5 = 0

6 = 6 + 0    6 - 0 = 6  
 6 = 5 + 1    6 - 1 = 5  
 6 = 4 + 2    6 - 2 = 4  
 6 = 3 + 3    6 - 3 = 3  
 6 = 2 + 4    6 - 4 = 2  
 6 = 1 + 5    6 - 5 = 1  
 6 = 0 + 6    6 - 6 = 0

5 is the whole  
 2 is a part  
 3 is a part

add total  
 subtract left

7 = 7 + 0    7 - 0 = 7  
 7 = 6 + 1    7 - 1 = 6  
 7 = 5 + 2    7 - 2 = 5  
 7 = 4 + 3    7 - 3 = 4  
 7 = 3 + 4    7 - 4 = 3  
 7 = 2 + 5    7 - 5 = 2  
 7 = 1 + 6    7 - 6 = 1  
 7 = 0 + 7    7 - 7 = 0

8 is the whole  
 2 is a part  
 6 is a part

10 is one part  
 6 is one part  
 16 is the whole

12 is one part  
 7 is one part  
 19 is the whole

15 is one part  
 7 is one part  
 22 is the whole

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

18 is one part  
 5 is one part  
 23 is the whole

20 is one part  
 12 is one part  
 32 is the whole

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

4 + 10 = 14  
 14 - 10 = 4

4 + 9 = 13  
 13 - 9 = 4



**Year 6**

63,452 + 14,999  
 Round then adjust

2,452 - 0,999  
 Round then adjust

40,007 - 91,916  
 Find the difference between two numbers

Written methods

25,648  
 + 42,524  
 -----  
 68,172

45,748  
 - 26,374  
 -----  
 19,374

25,648  
 + 42,524  
 -----  
 68,172

45,748  
 - 26,374  
 -----  
 19,374

**Year 5**

2300 - 800  
 Bridging boundaries by counting back in efficient steps

3995 - 4007  
 Find the difference between two numbers

5451 - 1999  
 Round then adjust

Count on 5 from 3995 to 4000, then 7 more so the difference between them is 5 + 7 = 12

Take away 2000 then add 1

**Year 5**

230 - 80  
 Bridging boundaries by counting back in efficient steps

304 - 297  
 Find the difference between two numbers

435 - 199  
 Round then adjust

304 is 7 more than 297  
 297 is 7 less than 304  
 so the difference between them is 7

Take away 200 then add 1

**Year 4**

3543 - 1216  
 Exchanging tens

3343 - 1756  
 Exchanging in multiple columns

3543 - 835  
 Different numbers of digits

Line up the ones with the ones, the tens with the tens.

regroup exchange ones tens hundreds thousands

**Year 4**

345 - 127  
 Exchanging tens

345 - 157  
 Exchanging in multiple columns

345 - 67  
 Different numbers of digits

Line up the ones with the ones, the tens with the tens.

regroup exchange ones tens hundreds

**Year 3**

56 - 19  
 Round then adjust

55 - 20  
 Subtract multiples of ten

52 - 47  
 Find the difference between two numbers

52 - 47 = 5  
 47 + 5 = 52

Stop and look  
 What do you notice?

52 - 47 is not equal to 47 - 52  
 Subtraction is not commutative

