Tools for Subtraction

Jennifer Brokofsky 2016

Key Words

minuend subtrahend difference

9 - 7 = 2

Tools for Subtraction

Count Back

Start with the larger number and count back.

Use with -1, -2, and -3.

7-3

Start with 7 and count back 3.

7...6...5...4

start 1 2 3

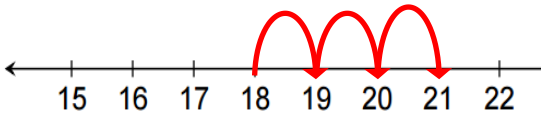
Tools for Subtraction

Count Up

Count the steps from the subtrahend to the minuend to get the difference.

21-18

Start with 18 and count up to 21.



Tools for Subtraction

Think Addition

Think of the related addition fact.

15 - 8 = ?

Think 8 + ? = 15

Tools for Subtraction

10 Partners

If you know the *Friendly Numbers* that *Make 10* then you know the subtraction fact.

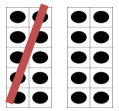
10 and 0 1 and 9 2 and 8 3 and 7

4 and 6 5 and 5

Tools for Subtraction

Half

If you know the *double fact* then you know the subtraction fact.

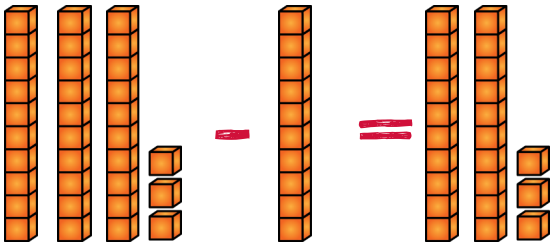
2 - 1 	4 - 2 	6 - 3 	8 - 4 	10 - 5 
12 - 6 	14 - 7 	16 - 8 	18 - 9 	20 - 10 

Tools for Subtraction

Minus 10

When 10 is subtracted from a number only the tens place digit changes.

23 - 10 = 13

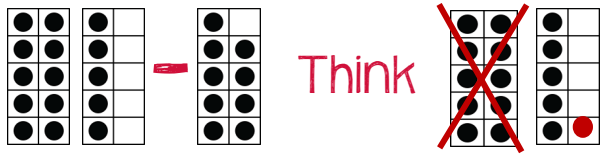


Tools for Subtraction

Minus 9 *See 9. Think 10.*

Think of the number as a 10 and then add 1.

15 - 9 Think 15-10+1

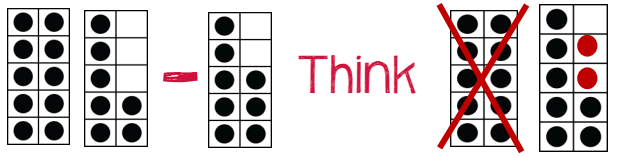


Tools for Subtraction

Minus 8 *See 8. Think 10.*

Think of the number as a 10 and then add 2.

17 - 8 Think 17-10+2



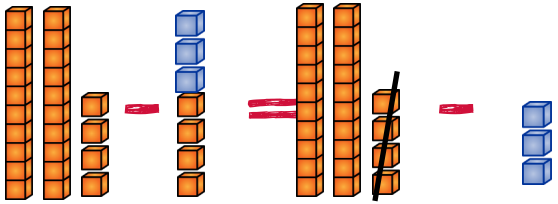
Tools for Subtraction

Subtract in Small Steps

Decompose the subtrahend into smaller parts so that you can subtract to a 10 or a multiple of 10.

24-7. Think split the 7 into 4 and 3.

Then 24-4=20 and 20-3=17



Tools for Subtraction

Constant Difference

Add or subtract the same amount from both the minuend and the subtrahend to make the problem easier to solve.

43-25= 43 (+5) - 25 (+5)

= 48-30

Tools for Subtraction

Traditional

Stack Method

Stack the numbers to line up the ones, tens… Subtract the 1s first, regroup if needed, continue with the 10s.

$$\begin{array}{r} {\scriptstyle 1}\ {\scriptstyle 13} \\ \cancel{2}\cancel{3} \\ -\ 17 \\ \hline 6 \end{array}$$