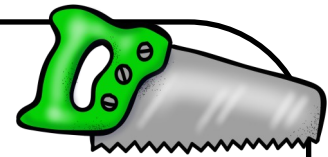


Tools for Addition

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Key Words



addend addend sum

8 + 7 = 15



Counting On



Start with the larger number and
count up.

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

$$3+6$$

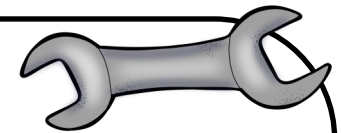
Start with 6 and count up 3.



6...7...8...9

↑ ↑ ↑ ↑
start 1 2 3

Making 10



Use *Friendly Numbers* that Make
10.

0+10 1+9 2+8 3+7 4+6

5+5 6+4 7+3 8+2 9+1

10+0










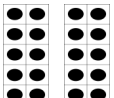


Doubles

Adding a number to itself makes a

Double.



1+1 	2+2 	3+3 	4+4 	5+5 
6+6 	7+7 	8+8 	9+9 	10+10 

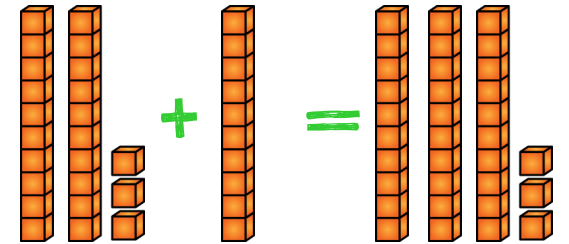


Plus 10

When 10 is added to a number only the tens place digit changes.



$$23 + 10 = 33$$

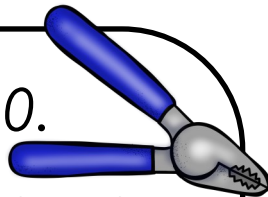


Plus 9

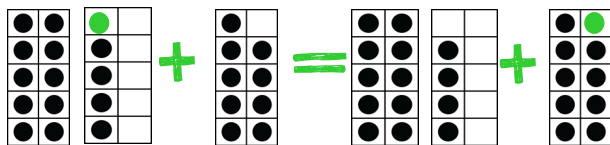
See 9. Make 10.

Decompose the other addend to add 1 to 9 and make a 10.

Need 1 more? Look next door!



$$15 + 9 = \text{Think } 14 + 10$$



Plus 8

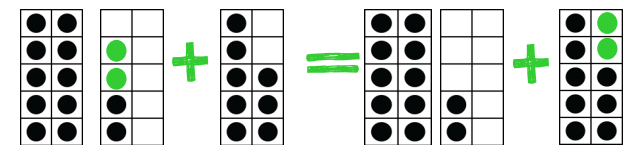
See 8. Make 10.

Decompose the other addend to add 2 to the 8 and make a 10.

Need 2 more? Look next door!

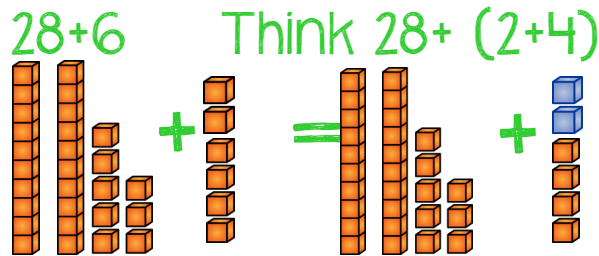


$$14 + 8 = \text{Think } 12 + 10$$



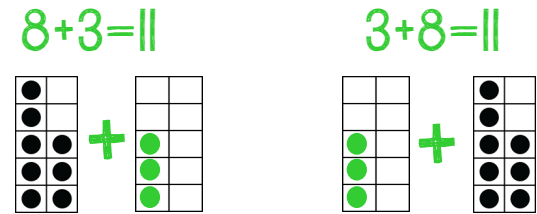
Add in Small Steps

Decompose the smaller addend into parts so that you can make a 10.



Commutative Property

Turn Arouds
Order doesn't matter when adding.



Traditional

Stack Method

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

$$\begin{array}{r} | \\ 35 \\ +56 \\ \hline 91 \end{array}$$

