

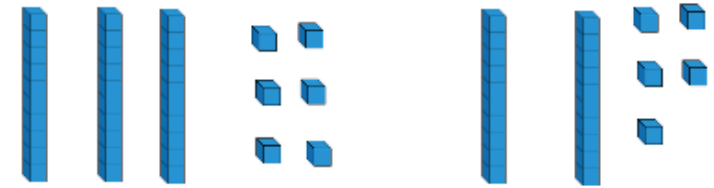
Addition and Subtraction Bonds

$17 + 3 = 20$
 $20 - 17 = 3$
 $20 - 3 = 17$

$6 + 4 = 10$

$60 + 40 = 100$

Add 2-Digit Numbers



$$36 + 25 = 61$$

6 ones + 5 ones = 11 ones

3 tens + 2 tens = 5 tens

5 tens + 11 ones becomes 6 tens + 1 one = 61

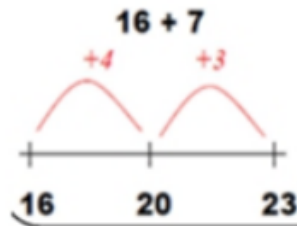
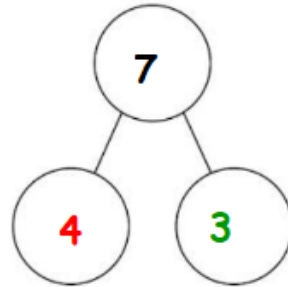
Exchange 11 ones into 1 ten and 1 one

$$\begin{array}{r}
 36 \\
 + 25 \\
 \hline
 11 \\
 + 50 \\
 \hline
 61
 \end{array}$$

Add 2-digit and 1-digit



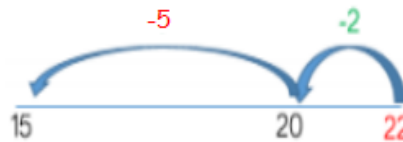
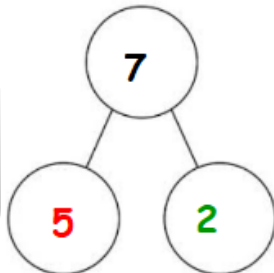
$16 + 7 = 23$
 Partition 7 into 4 and 3 to create number bonds.
 $16 + 4 = 20$
 $20 + 3 = 23$



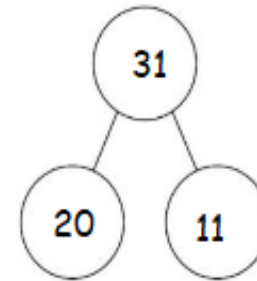
Subtract 2-digit and 1-digit



$22 - 7 = 15$
 Partition 7 into 5 and 2 to bridge 20.
 $22 - 2 = 20$
 $20 - 5 = 15$



Subtract 2-Digit Numbers



$$31 - 14 = 17$$

$$11 - 4 = 7$$

$$20 - 10 = 10$$

$$10 + 7 = 17$$

$$\begin{array}{r}
 2 \cancel{1} 1 \\
 - 14 \\
 \hline
 17
 \end{array}$$

Key Vocabulary

- add +
- plus
- sum
- subtract -
- difference
- take away
- minus
- equals =
- total
- number bonds
- facts
- part
- whole
- inverse
- digit**
- commutative**
- partition

Year 2 Addition and Subtraction

Key Vocabulary

add +

plus

sum

subtract -

take away

minus

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equals =

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facts

part

whole

inverse

digit

commutative

partition

Remember your **related facts!**

$$3 + 4 = 7 \text{ so } 30 + 40 = 70$$

$$4 - 3 = 1 \text{ so } 40 - 30 = 10$$



10 More or Less

20	30	40	50	60	70
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16	26	36	46	56	66
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Remember that the ones stay the same when you are calculating 10 more or 10 less.



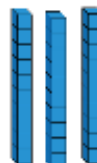
26



10 less



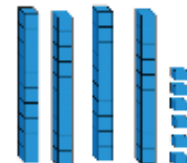
36



10 more



46



The **sum** is the result of adding two numbers together. The sum of 4 and 5 is 9.



Adding and Subtracting 10s

10	30	50	70
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2	22	42	62	82
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