

YR2 SUBTRACTION KNOWLEDGE ORGANISER

Key Concepts

- Use mental and written methods.
- Recall subtraction facts for each number up to 20.
- Subtract a 1-digit from a 2-digit number; tens from a 2-digit number; and a 2-digit number from a 2-digit number.
- Use addition to check answers

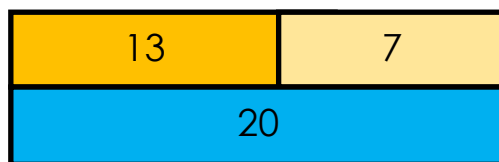
Key Vocabulary

- subtract/subtraction
- take away
- leave
- minus
- less
- difference
- difference between



Subtraction Facts to 20

Use your addition facts to 20 to learn the related subtraction facts. This will create a fact family.



$$13 + 7 = 20$$

$$20 - 13 = 7$$

$$7 + 13 = 20$$

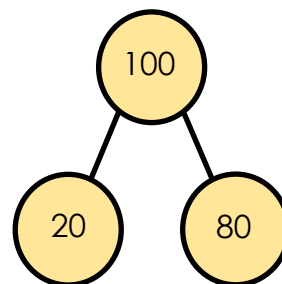
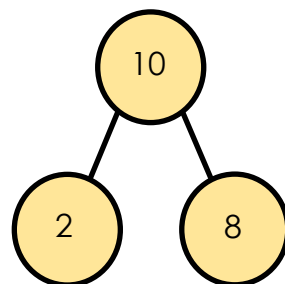
$$20 - 7 = 13$$

Subtraction Facts to 100

We can use related subtraction facts to 10 to help us calculate facts from 100.

$$10 - 8 = 2$$

$$100 - 80 = 20$$

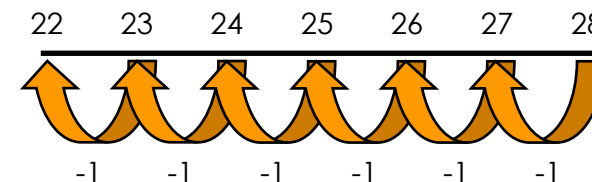


© Copyright Deepening Understanding LTD 2018
Photocopiable for educational purposes only

Subtracting a 2-Digit Number and Ones

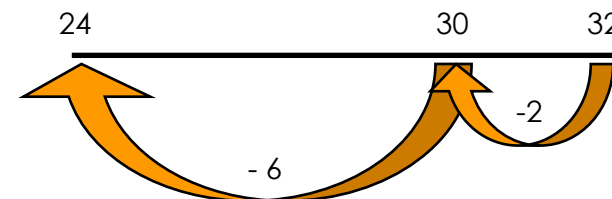
Put the larger number in your head and count back.

$$28 - 6 = 22$$



If it crosses the 10s boundary, partition the 1s number to get to the previous 10.

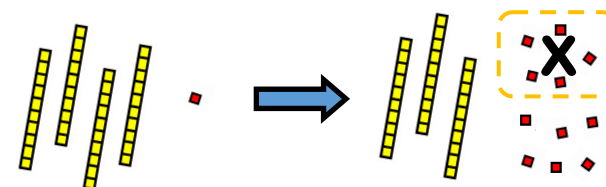
$$32 - 8 = 24$$



You can also exchange a 10 for 10 ones...

$$41 - 5 = 36$$

We do not have enough ones to take 5 away so I can exchange 1 ten for 10 ones.

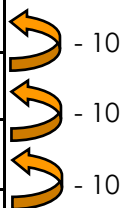


YR2 SUBTRACTION KNOWLEDGE ORGANISER

Subtracting a 2-Digit Number and Tens

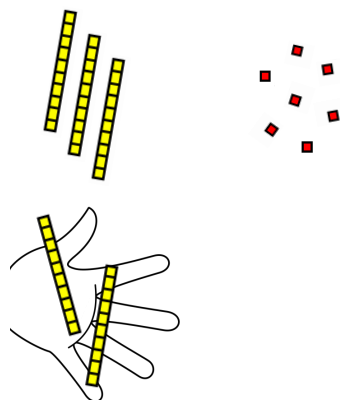
Use place value knowledge to support when subtracting tens from a number.

Tens	Ones
3	1
4	1
5	1
6	1

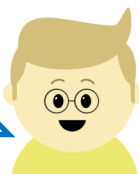


$$57 - 20 = 37$$

Tens	Ones
------	------



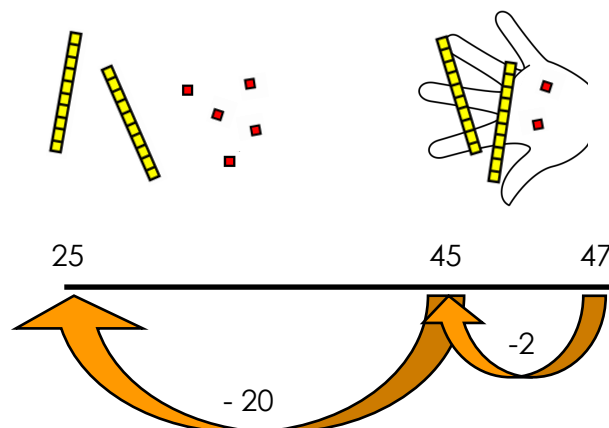
I have taken away 2 tens (20) and I have 37 left. I have noticed that the tens column is the only one that is changing!



Subtracting a 2-Digit Number (No Boundary)

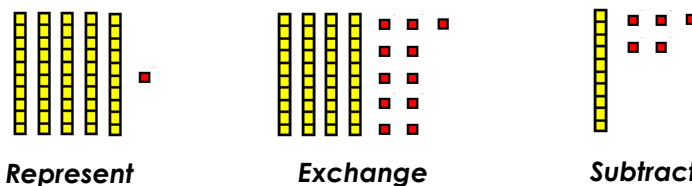
$$47 - 22 =$$

47 has been built using Dienes. I need to take 22 away. That's 2 ones and 2 tens. I am left with 25.



Crossing the 10s Boundary

$$51 - 36 =$$

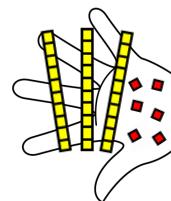


Represent

Exchange

Subtract

There are not enough ones to subtract 6 from 1. We need to exchange 1 ten for 10 ones. Now, we can subtract.

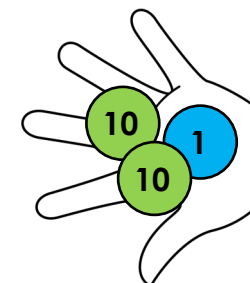
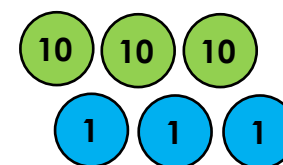


Using the Inverse

The inverse is the opposite calculation.

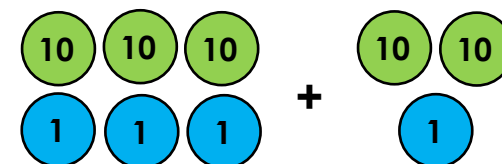
Addition (+) and subtraction (-) are the inverse of each other.

$$54 - 21 = 33$$



I can check this by using the inverse.

$$33 + 21 = 54$$



You could use the inverse to check...

$$22 - 6 = 16$$

16	6
22	

The inverse tells us that $16 + 6 = 22$.

Looking at the bar model, we also know that $22 - 16 = 6$ and $6 + 16 = 22$.

