

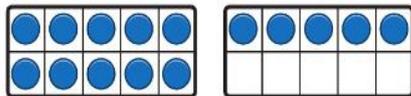
Unit 8

Subtraction within 20



- In this unit we will ...
- ⚡ Subtract tens and ones
 - ⚡ Learn how to cross a 10 when subtracting
 - ⚡ Compare additions and subtractions
 - ⚡ Solve word and picture problems

We will need a ten frame again. Can you remember how to use it to help you find the answer to $15 - 3$?

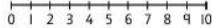


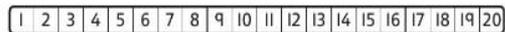
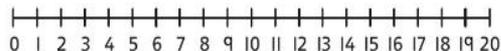
$$15 - 3 = \square$$



We will need some maths words. Have you seen all of these before?

subtract take away
 find the difference
 how many are left?
 tens ones number bonds
 part-whole

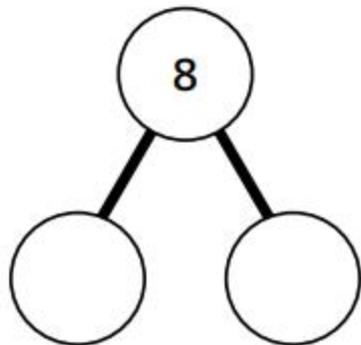
We can also use this
 and this
 to help us.
 What is $13 - 3$?





Power Up

Work out all the ways you can make 8.



$$\square + \square = 8$$

I am only going to use each of the digits 0–8 once.



Subtraction – crossing the 10 |

Discover



1 a) How many players are there altogether?

How many players are injured?

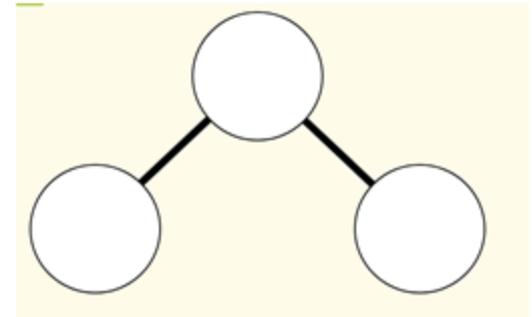
How many players are not injured?

b) There are 15  of water.

9 players drink one  each.

How many  are there left?

Use Part Whole



Think together

- 1 There are 12  .
7  break.

How many  do not break?

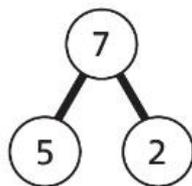
$$12 - \square = 10$$

$$10 - \square = \square$$

So

$$12 - 7 = \square$$

\square  do not break.



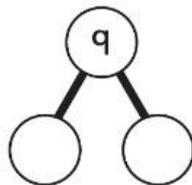
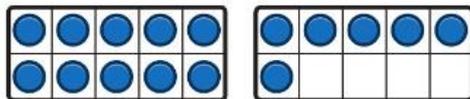
- 2 Work out $16 - 9$.

$$16 - \square = \square$$

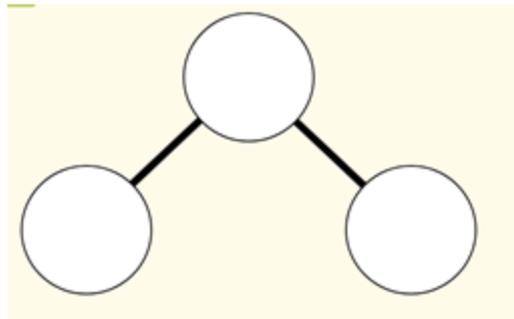
$$\square - \square = \square$$

So

$$16 - 9 = \square$$



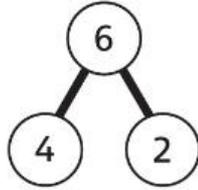
Use Part Whole



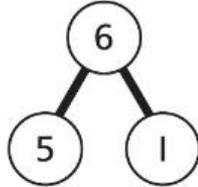
3 Which  would you use for which question?

CHALLENGE

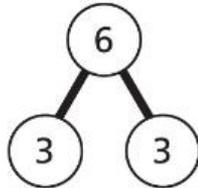
$13 - 6 = \square$



$12 - 6 = \square$



$15 - 6 = \square$

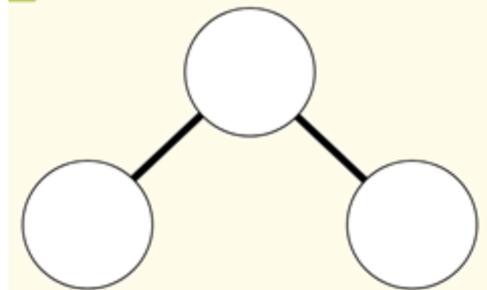


I think to do $15 - 6$ I first subtract 3. Then I subtract another 3.

I am not sure that is the best way of doing it.



Use Part Whole



Fluency

write in books



Subtraction – crossing the 10 ①

① There are 13 .



5 fly away.

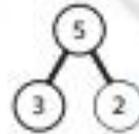
How many are left?

$$13 - 3 = \square$$

$$10 - 2 = \square$$

So

$$13 - 5 = \square$$



I will subtract 3 first, then I will subtract 2.



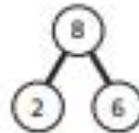
② Work out $12 - 8$.

$$12 - \square = 10$$

$$10 - \square = \square$$

So

$$12 - 8 = \square$$



Use Part Whole

