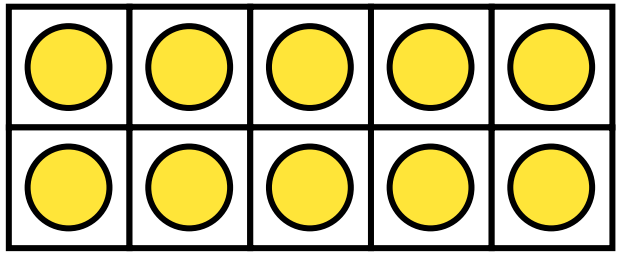
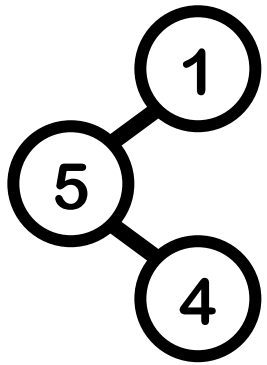
Year 2

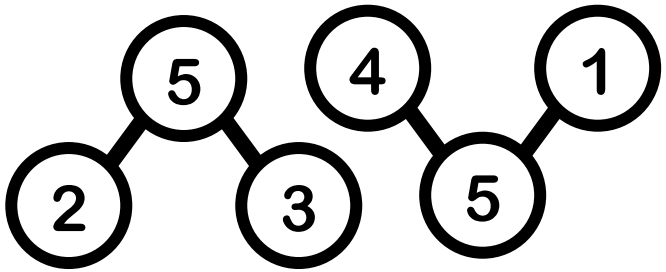
Additive Fluency 2 – Numbers within 20

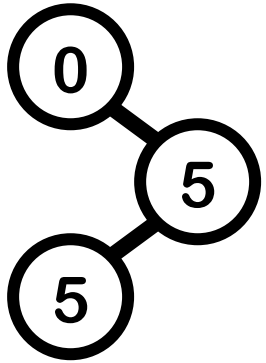
Week 5

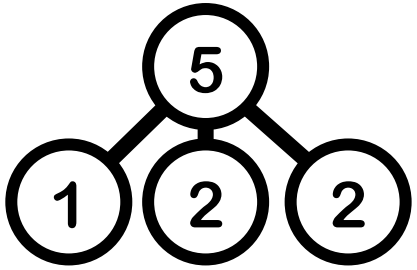
Understanding Number 17



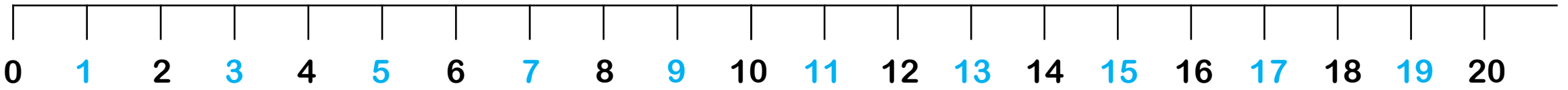


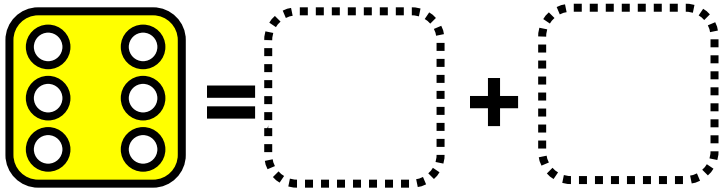


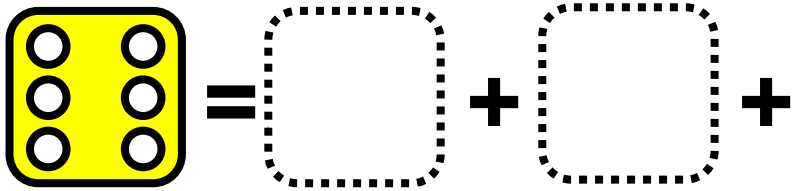


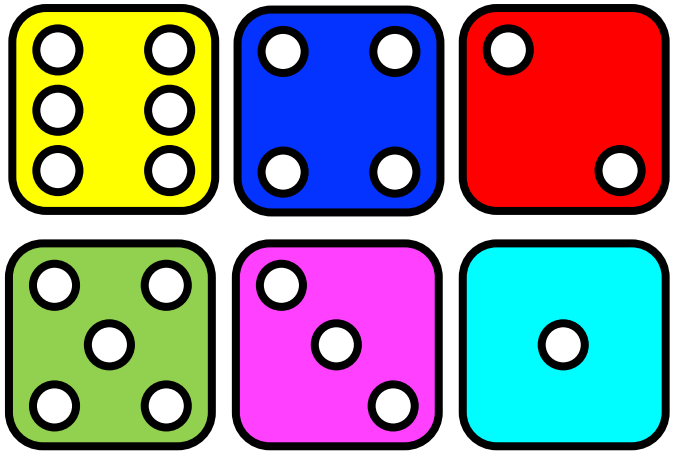


1	2	3	4	5	6	7	8	9	10



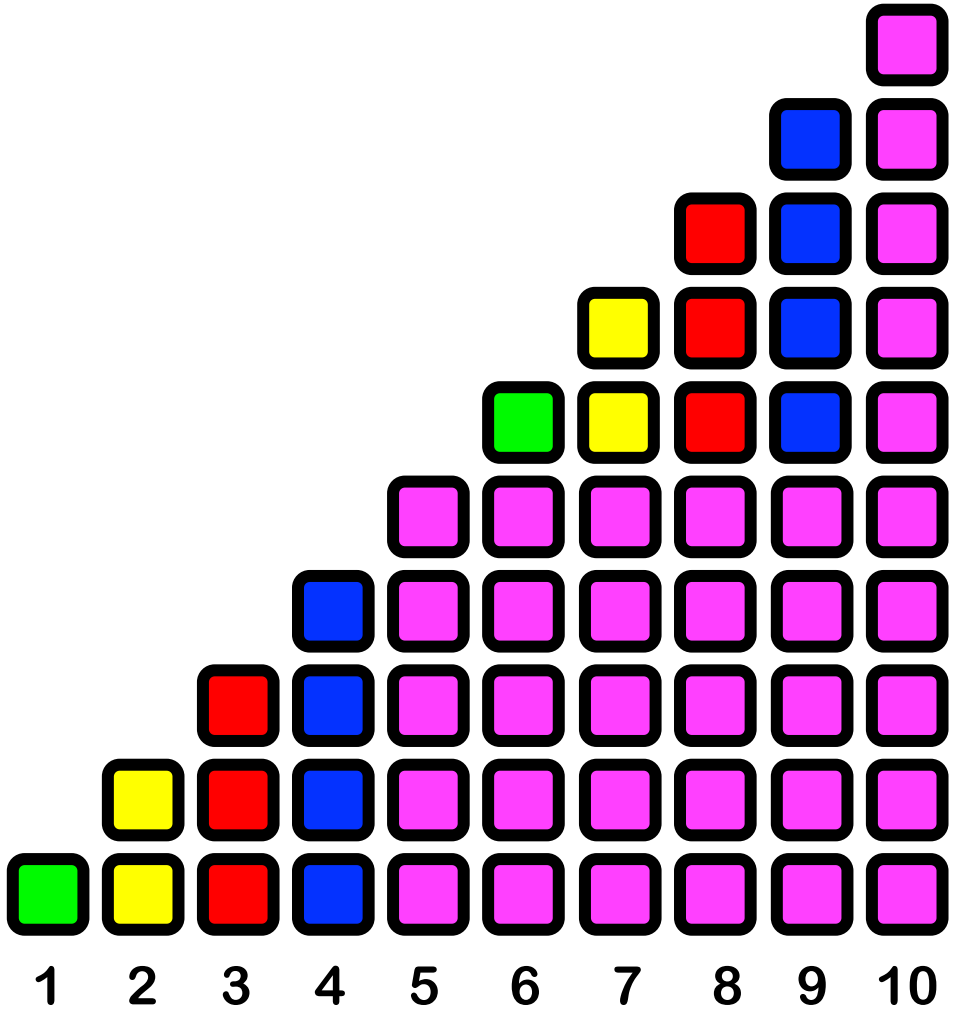






1 2 3 4 5 6 7 8 9

CODE Maths Hub



5 = 3 + ♥

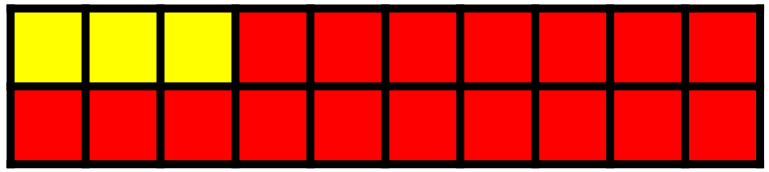
5 = 2 + ●

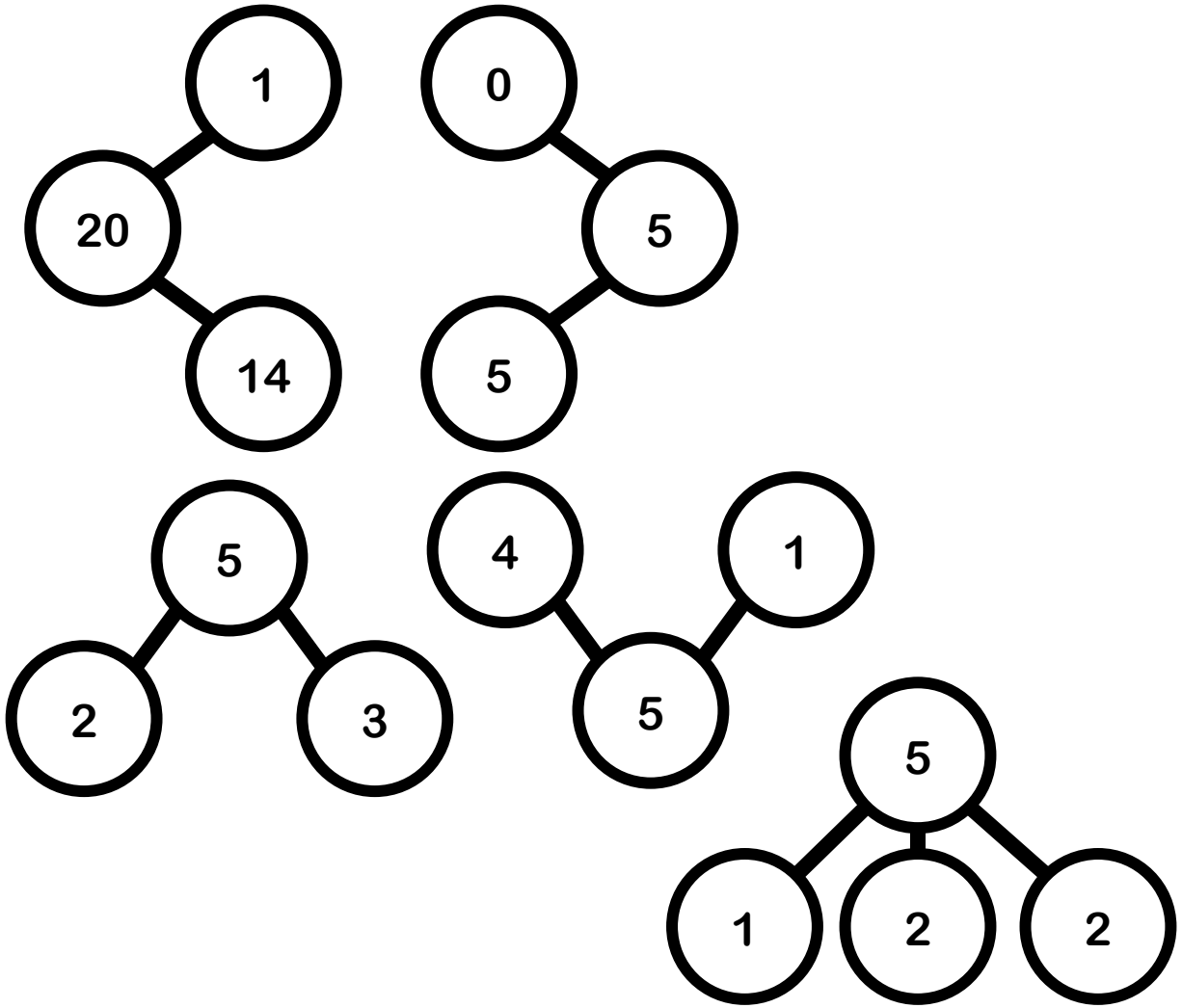
5 = ★ + 4

5 – 3 = ☁

5 – 1 = ◆

5 – ▽ = 3





$20 = 2 +$ ♥

$20 = 12 +$ ●

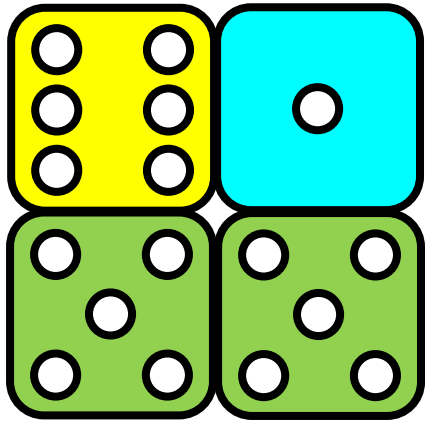
$20 =$ ★ $+ 4$

$20 = 6 +$ ☁

$20 - 4 =$ ◆

$20 -$ ▼ $= 18$

Number of the week… 17!



Notes for teachers in school or at home:

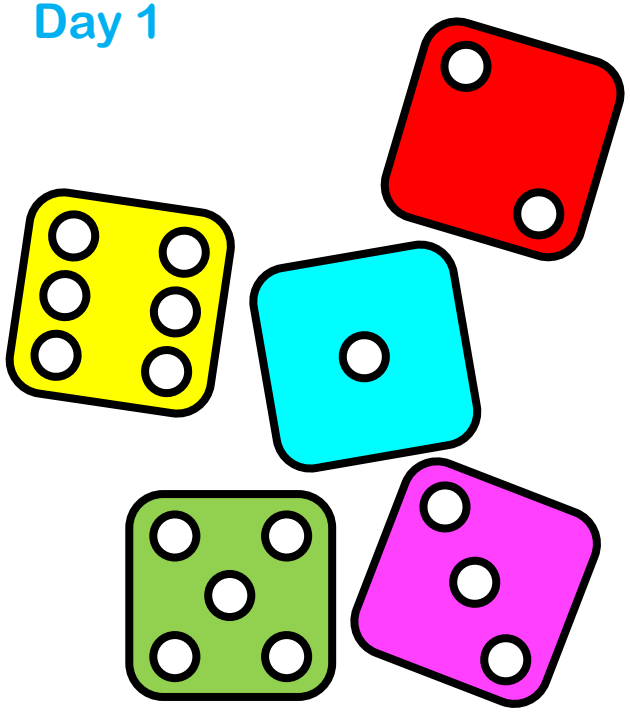
- This week is about learning the number 17 really well.
- Practice counting in different steps to and from 17
- There is only one ‘bridging’ bond to 17
- Know number bonds to 7 and number bonds to 17. For example,

7 = 2 + 5 …

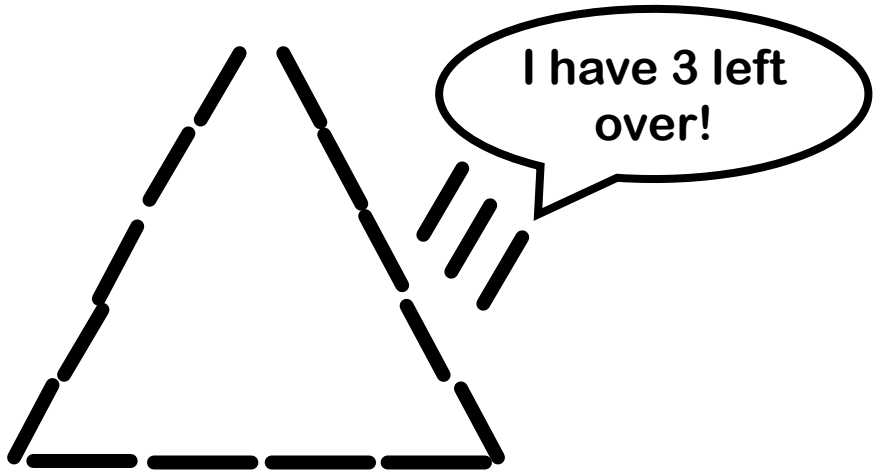
17 = 12 + 5,

17 = 2 + 15.

Patterns

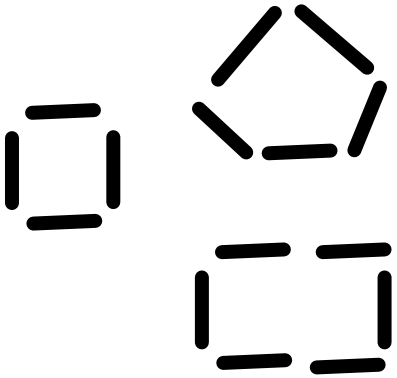


Roll 5 dice. Can you score 17?



Use 17 sticks.

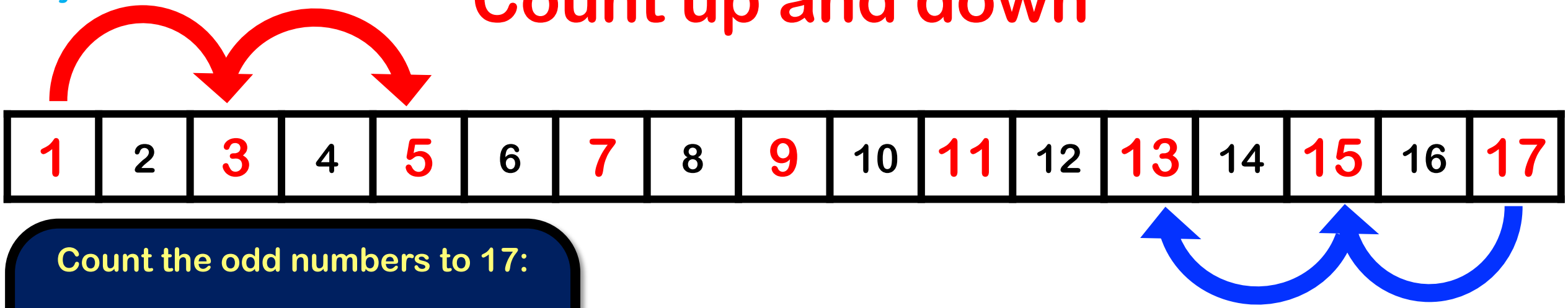
Can you make a triangle using all 17 sticks?



Use 17 sticks or twigs.

How many different shapes can you make at once?

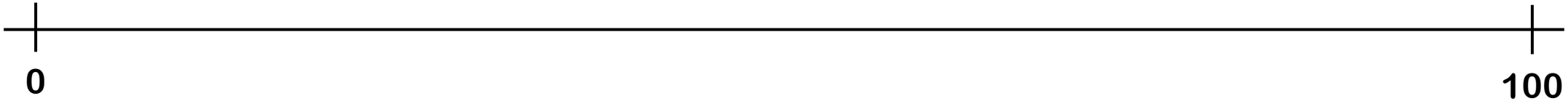
Count up and down



Count the odd numbers to 17:

1,3,5,...

Where should 17 go?



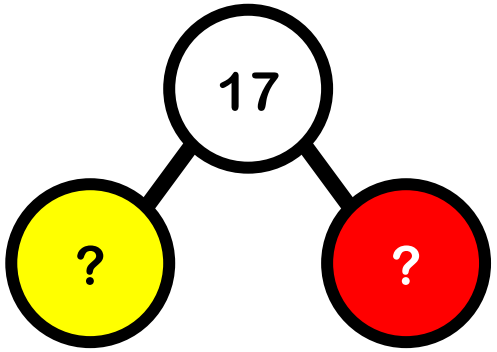
Where should 17 go?

Count in 10s from 17

Week 5
Day 3

Bridging 10

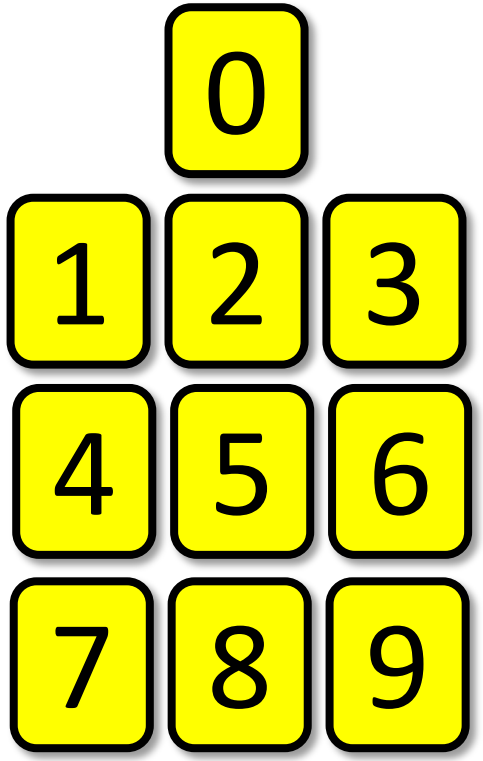
CODE Maths Hub

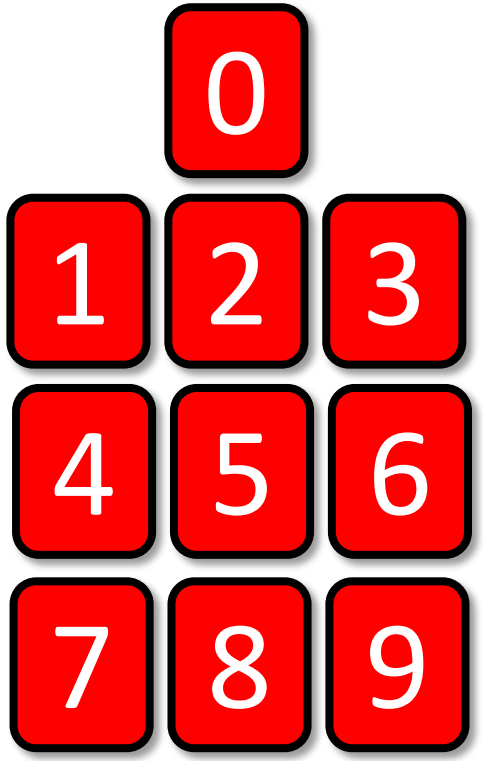


17 = ☐ + ☐

Choose two single digits to add to make 17.

How many solutions can you find?

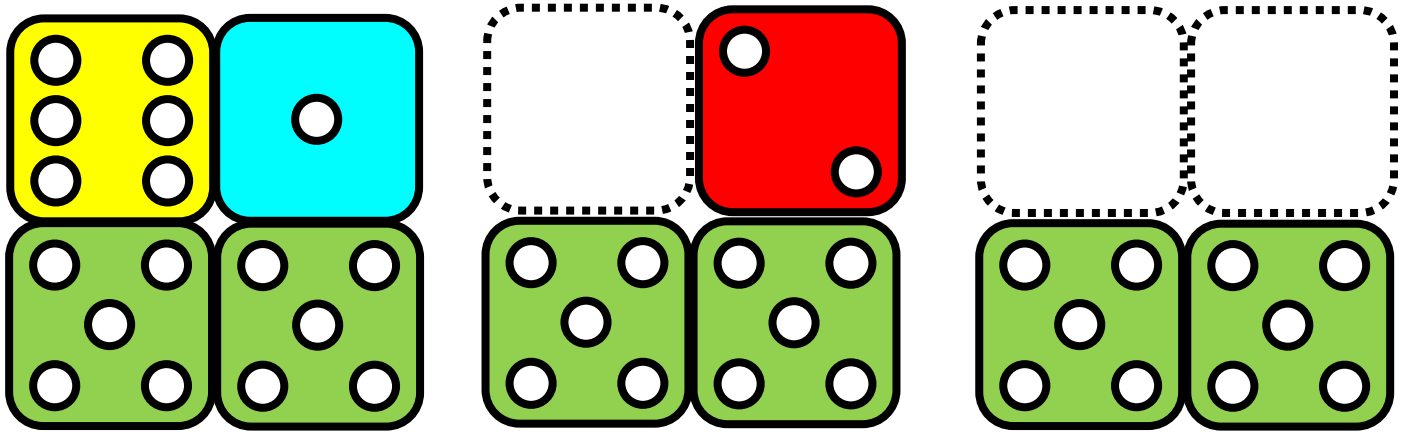




Hmm. So I can also subtract from 17…

17 - ☐ = ☐

17 is 10 + …



17 = 10 + 1 + ●

17 = 10 + 2 + ⬟

17 = 12 + ★

17 - 12 = ☁

Complete 17 on each set of dice.

Then work out bonds to 17.

Also solve subtractions

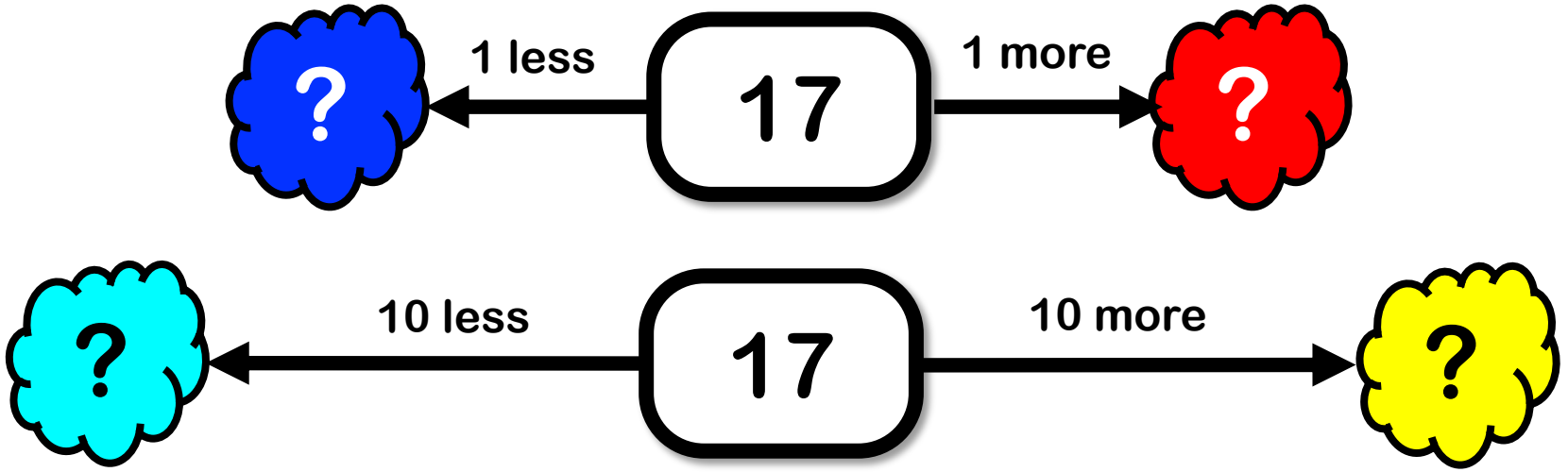
17 = ◆ + 13

17 = 3 + ▽

17 - ♥ = 11

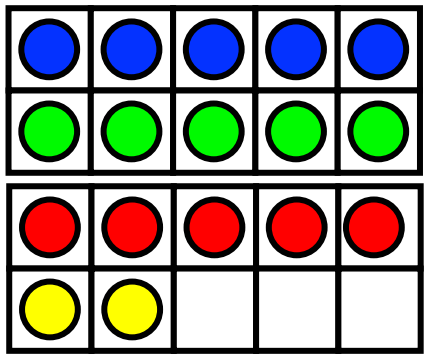
17 - ⬢ = 14

Number friends



10 is …… less than 17.

17 is ….. more than 15.

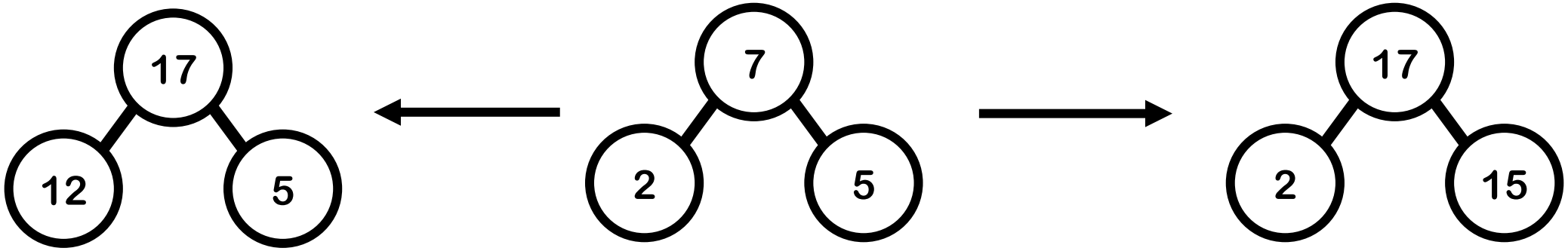


20 is …… more than 17.

17 is ….. less than 20.

This week we learned…

1) 17 has one ‘bridging’ fact: 8 + 9
2) If we know 7, we know 17.



3) We can find 10 more and 10 less than 17 by counting in tens

Well done! See you next week.