Year 2

Additive Fluency 2 – Numbers within 20

Week 3

Number of the week… 19!
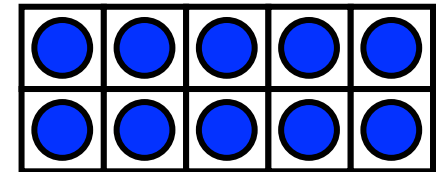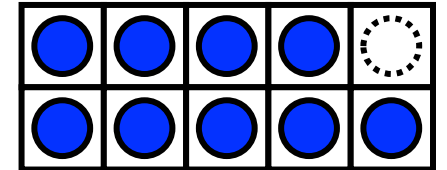
Notes for teachers in school or at home:

- **This week is about learning the number 19 really well.**

- **Understand how 19 relates to 20.**

- **Know number bonds to 19 need a 2-digit plus a 1-digit number. You cannot make 19 by adding two single digits.**

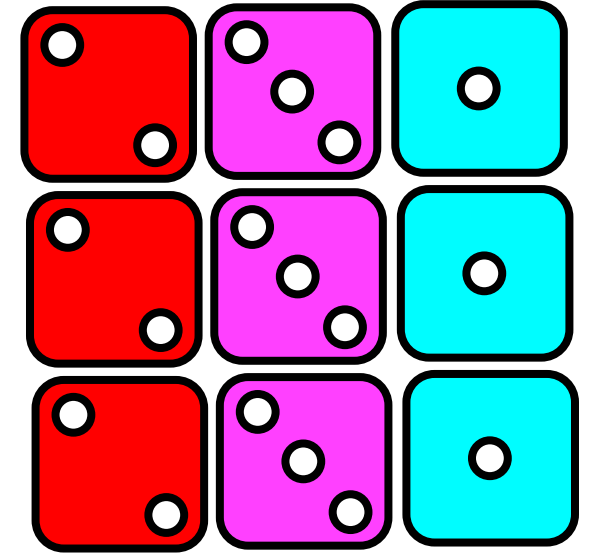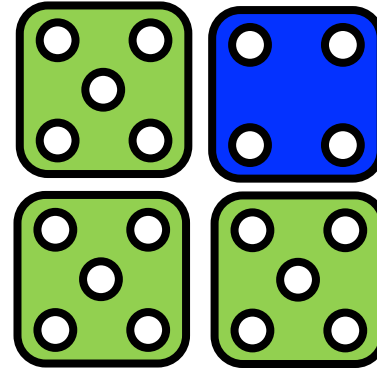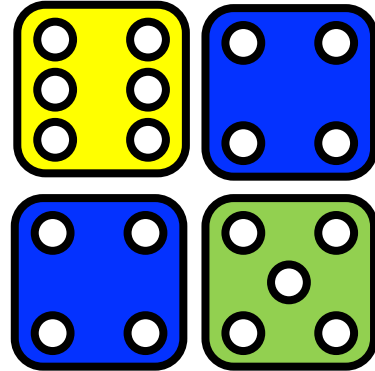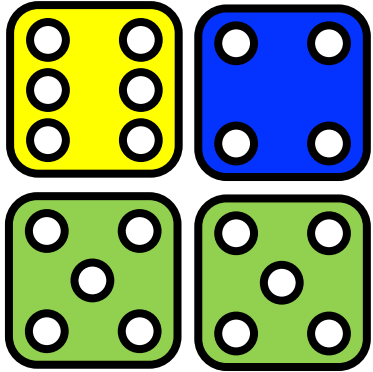- **Know number bonds to 9 and number bonds to 19. For example,**

$$9 = 3 + 6 …$$
$$19 = 13 + 6,$$
$$19 = 3 + 16.$$

Odd ones out?

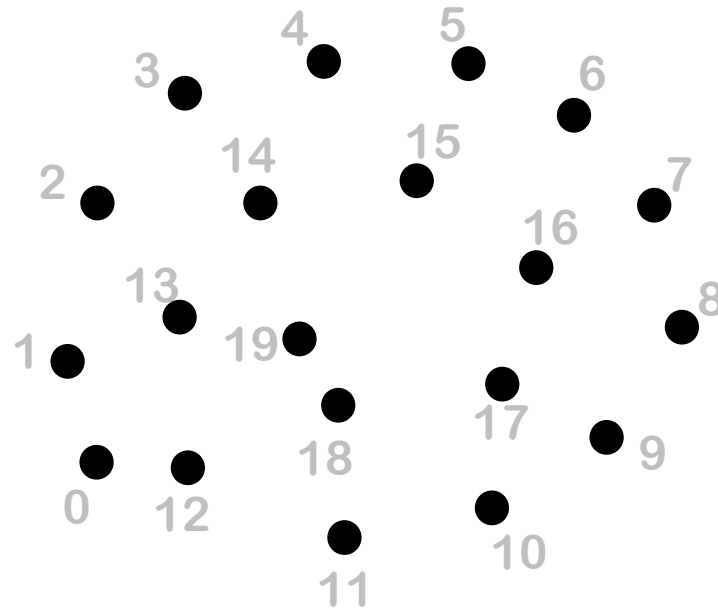**Which patterns show 19?**

How would you change the others to make 19?

Use dice, dominoes, cards or dotty patterns to make 19 in different ways.

Invent some drumming or clapping patterns with 20 beats.

Count up and down

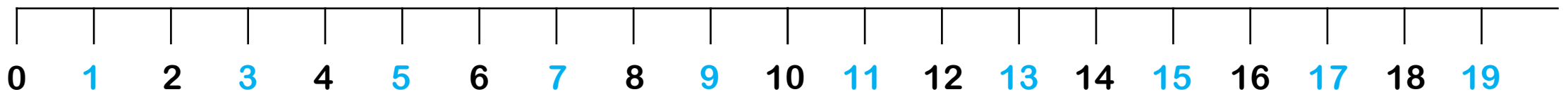**Make a dot-to-dot pattern from 0 up to 19**

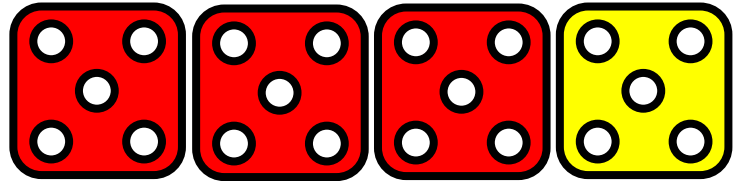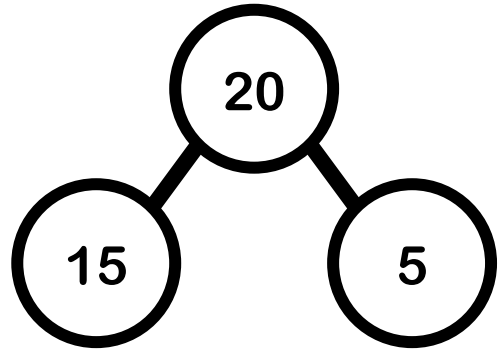**Invent a dance or exercise routine or with 19 moves!**

Do hops safely.

Count up to 19, then back down again.
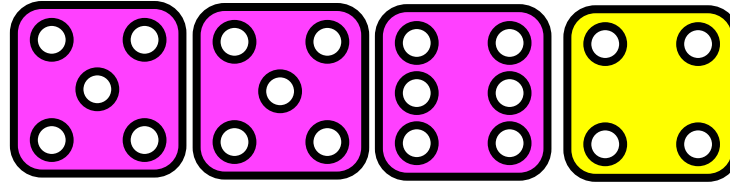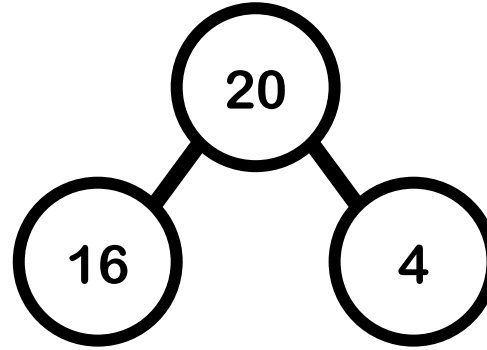
Is 19 odd or even?

How do you know?

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19

If I know …

20

15   5

20 = 15 + 5

19 = ☐ + ☐

20

16   4

20 = 16 + 4

19 = ☐ + ☐

20

18   2
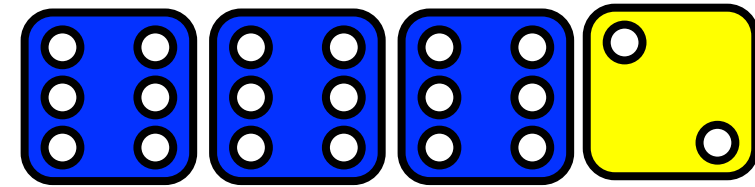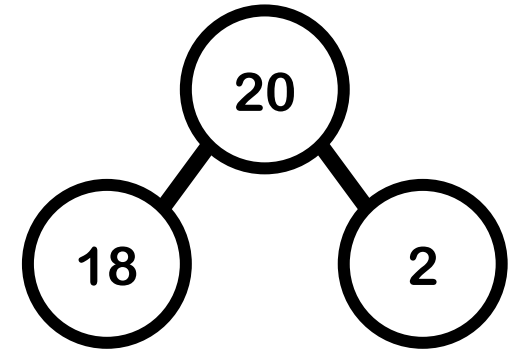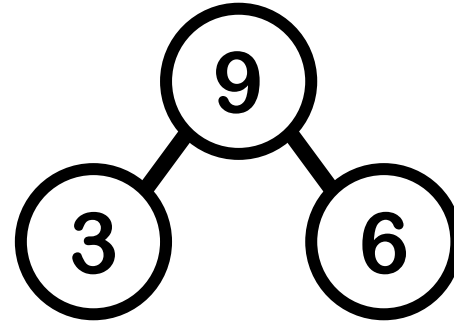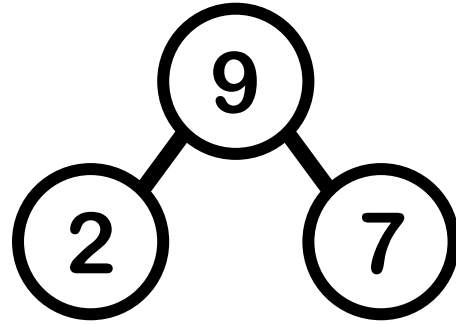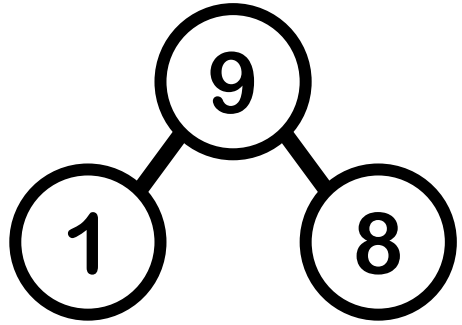
20 = 18 + 2

19 = ☐ + ☐

Change one of the dice to make 19.

How many different number bonds can you make for 19?

Use what you know…

9
1   8

9
2   7

9
3   6

9
4   5
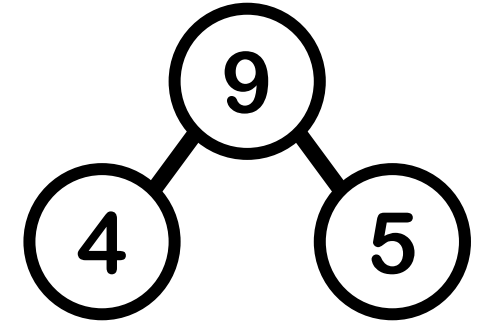
Use what you know about the number 9 to know number bonds to 19.

19 = 10 + 8 + ●

19 = 10 + 2 + ☁

19 = 10 + 3 + ★

19 = 10 + ◆ + 5

19 = 10 + ▽ + 4

19 = ♥ + 6 + 10

Number friends

- ?

0 ? 2 3 4 5 6 7 8 9 10 ? ? 13 14 15 16 17 ? 19 20 21 …
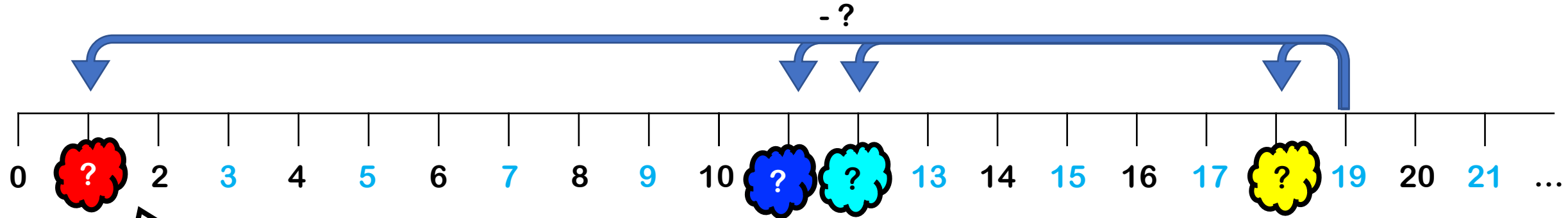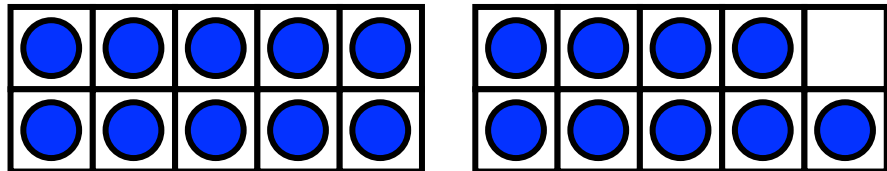
Hmm. This is a <u>long</u> way from 19. I must have to subtract a big number like …

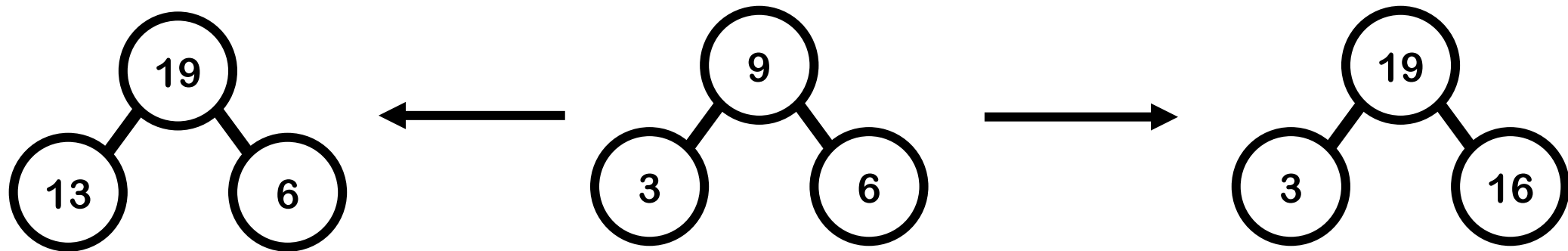**What do you subtract from 19 to find the mystery numbers?**

I know 1 less than 19 is …

Can you add two single digits to make 19? Why, or why not?

This week we learned...

1) If we know bonds to 20, we can work out bonds to 19

2) If we know 9, we know 19.

3) You need a 2-digit and a 1-digit number to make 19.

Well done! See you next week.