

Making Number Patterns

Have a look at the number chart below.

In Focus

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24		26	27		29	30
31	32		34	35	36		38	39	40

What are the missing numbers in the number chart?

How many different ways can you figure out the missing numbers on the number chart?

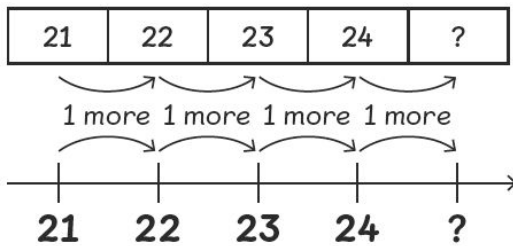
Discuss the different ways they have come up with, for example, counting on by one, counting backwards by one, looking at the vertical patterns in the numbers (increasing by 10 every time, the ones remain the same).

These ideas are shown below in 'Let's Learn'.

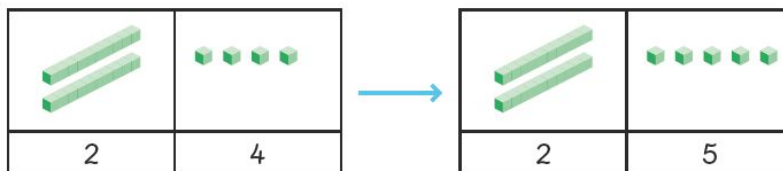
Let's Learn

1 What is 1 more than 24?

Read aloud the numbers from 1 to 40 and from 40 to 1.



Each number is 1 more than the number before it. What is 1 more than 24?



1 more than 24 is 25.

The number pattern is 21, 22, 23, 24, 25.

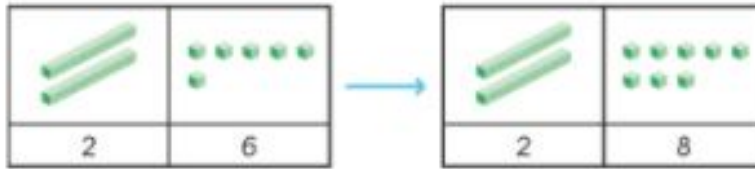
Now work your way through 2,3 and 4.

2 What comes next in the pattern?

20	22	24	26	?
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2 more 2 more 2 more 2 more

Each number is 2 more than the number before it. What is 2 more than 26?



2 more than 26 is .

The number pattern is 20, 22, 24, 26, .

3 What comes next in the pattern?

30	29	28	27	?
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1 less 1 less 1 less 1 less

Each number is 1 less than the number before it. What is 1 less than 27?

1 less than 27 is .

The number pattern is 30, 29, 28, 27, .

4 What comes next in the pattern?

38	36	34	32	?
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2 less 2 less 2 less 2 less

Each number is 2 less than the number before it. What is 2 less than 32?

2 less than 32 is .

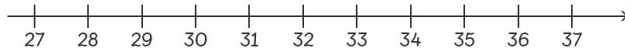
The number pattern is 38, 36, 34, 32, .

Now have a go at the guided practice and the mind workout. Then complete page 17 in your work book.

Guided Practice

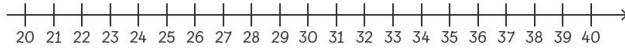
1 Find the missing numbers.

27	28	29	30	31	32	33	34	35	36	37
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- (a) is 1 more than 29.
(b) is 1 less than 37.
(c) is 2 more than 31.
(d) is 2 less than 35.

2 Complete the number patterns.



- (a) 33, 32, 31, 30, 29, , , 26
(b) 26, 28, 30, , 34, , 38,

Mind Workout

Use the digits to make three 2-digit numbers that are more than 20.



Write the numbers and arrange them in order.
Start with the smallest.