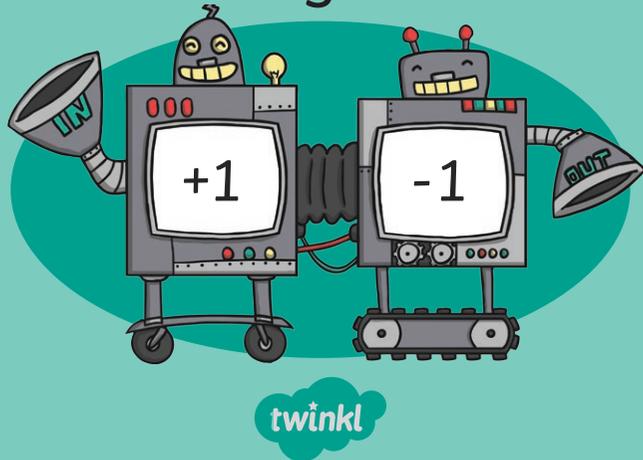


## Maths Mastery

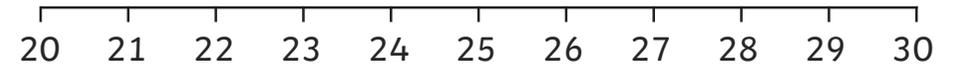
# One More and One Less Challenge Cards



### One More and One Less - Challenge Cards

1. Use the number line to show me:

- 1 more than 21
- 1 more than 22
- 1 more than 23

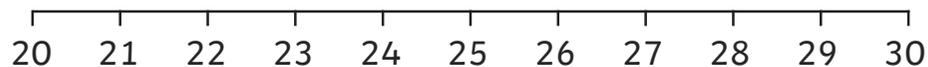


What do you notice? Can you continue the pattern?

### One More and One Less - Challenge Cards

2. Use the number line to show me:

- 1 less than 30
- 1 less than 29
- 1 less than 28



What do you notice? Can you continue the pattern?

### One More and One Less - Challenge Cards

3. Asif thinks of a number.

- What is Asif's number?
- Explain how you know using a number line or equipment.

37 is one less than my number.



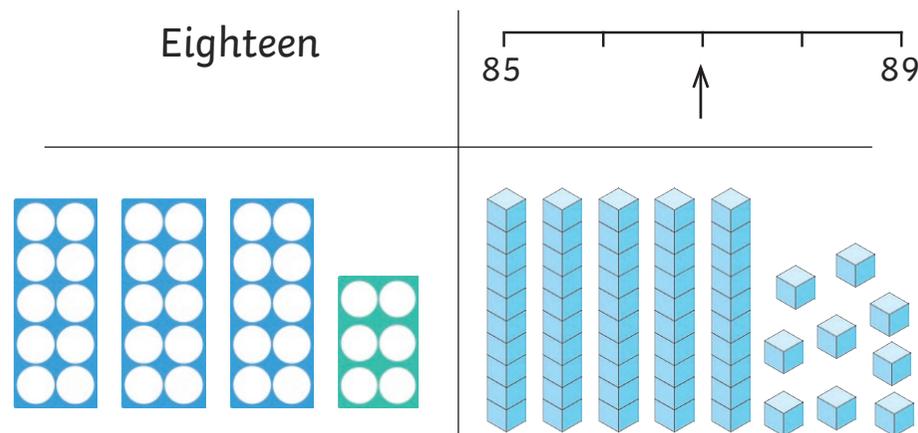
4. Abigail thinks of a number.

- What is Abigail's number?
- Explain how you know using a number line or equipment.



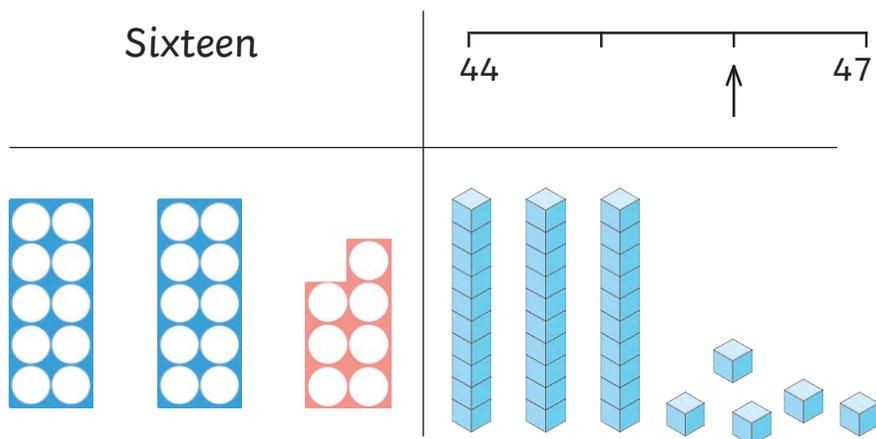
5. What is one more than each of these numbers?

Eighteen



6. What is one less than each of these numbers?

Sixteen



7. What pattern is created if you keep finding 2 less than a number?

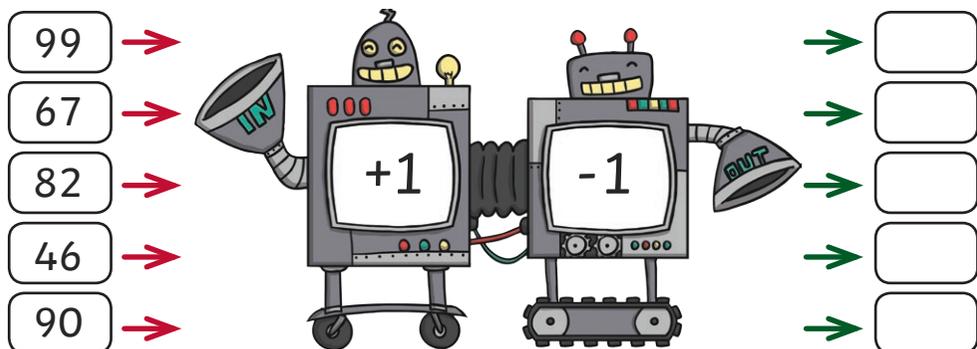
- Start at 20 and explore the pattern.

20

- Can you make a rule about what you notice?

8. This function machine is working hard!

- What numbers will come out?
- Can you explain what is happening?



9. Create your own one more and one less challenge card.

10. Create your own one more and one less challenge card.

### Answers

1. Practical task
2. Practical task
3. 38
4. 69
5. 19, 88, 37, 60
6. 15, 45, 26, 34
7. Answers demonstrating that subtracting 2 from any number will either create a pattern of odd numbers, e.g. 9, 7, 5, 3, 1 or even numbers 8, 6, 4, 2, 0.
8. 99, 67, 82, 46, 90  
By adding 1 and then subtracting 1 you end up with the number you began with.
9. Answers will vary
10. Answers will vary