

Number and Place Value Challenge Cards

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Number and Place Value

1

- a. Ben thought of a number. His number was one less than 18. What was Ben's number?
- b. Mali thought of a number. Her number was 10 less than 36. What was Mali's number?
- c. Yang thought of a number. His number was 10 more than 52. What was Yang's number?

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Number and Place Value

2

Can you write these numbers in order from smallest to largest?

7

51

19

35

22

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Number and Place Value

3

2

3

4

5

6

- a. Can you use two of the digits to make a number greater than 50?
- b. Can you use two of the digits to make a number less than 30?
- c. Can you use two of the digits to make an even number?
- d. Can you use two of the digits to make an odd number?
- e. Can you use two of the digits to make a number between 31 and 49?

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4

5

6

7

8

- Can you use two of the digits to make a number greater than 80?
- Can you use two of the digits to make a number between 50 and 65?
- What is the largest number you can make?
- What is the smallest number you can make?

Can you carry on counting?

- 17 18 19 20 _____
- 22 23 24 25 _____
- 36 37 38 39 _____
- 50 51 52 53 _____

Can you make your own sequence?

Can you fill in the missing numbers?

- 1 4 7 9
- 15 17 18 20 22 23 24
- 26 27 29 30 33 35
- 39 41 42 45 46 48

Can you fill in the missing numbers?

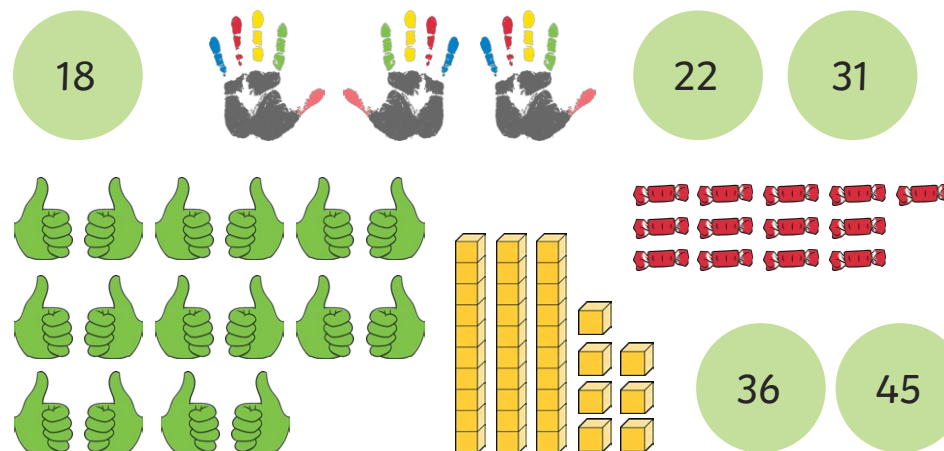
- 11
- 30
- 44 46
- | | | |
|----|----|--|
| | 13 | |
| 22 | 23 | |
| | | |
- | | | |
|--|----|----|
| | 9 | |
| | | 20 |
| | 29 | |
- | | | |
|--|----|--|
| | | |
| | 25 | |
| | 35 | |
- | | | |
|----|----|----|
| 17 | 18 | |
| | | 29 |
- | | | |
|--|----|----|
| | | |
| | 36 | 37 |
| | | |

Can you continue the pattern?

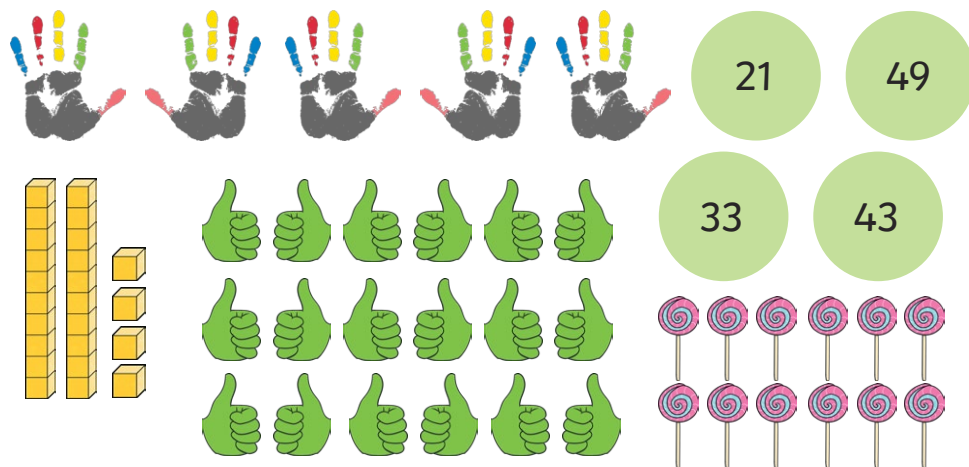
- a. 2 4 6 8 ____ ____ ____ ____
- b. 10 15 20 25 ____ ____ ____ ____
- c. 20 22 24 26 ____ ____ ____ ____
- d. 50 55 60 65 ____ ____ ____ ____
- e. 30 40 50 60 ____ ____ ____ ____

Can you make your own sequence?

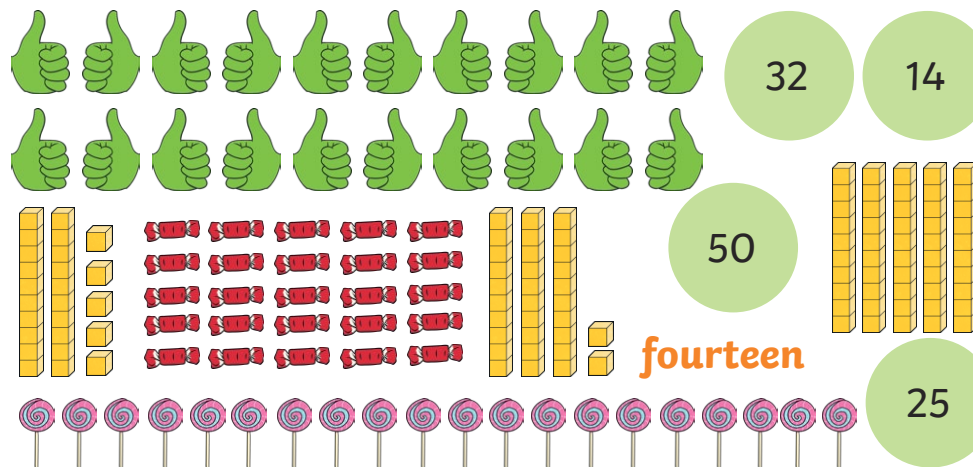
Can you find one more?



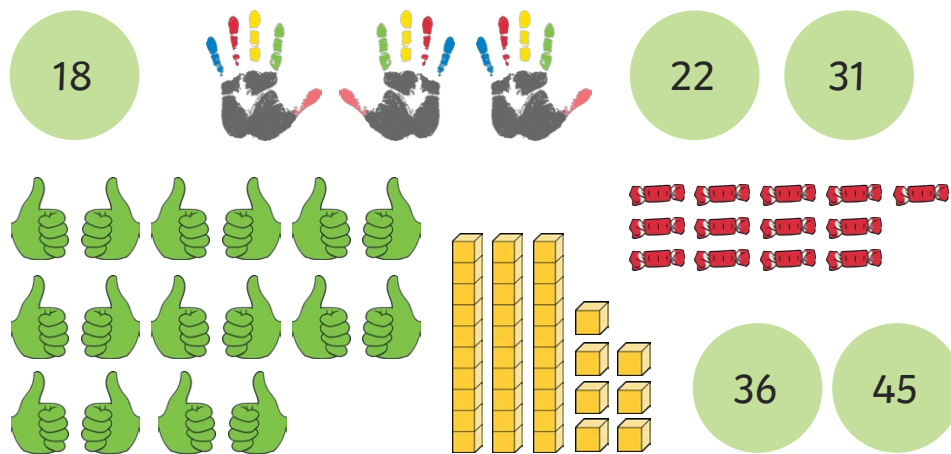
Can you find one less?



Can you find equal quantities?



Can you find the most? Can you find the least?



Can you write these numbers in words?

12	8	15	20	
7	10	19	0	
4	9	11	16	14
18	5	13	17	

Can you write these numbers in numerals?

twelve eight fifteen twenty
seven nineteen zero two
eleven sixteen fourteen
eighteen six thirteen seventeen

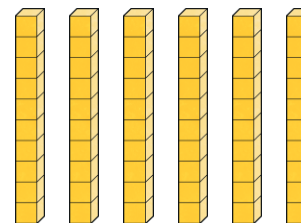
Can you write these numbers correctly?

3	L	10	79	2
51	∞	51	20	81
6	2	13	7	9
16	14	17		

Can you match the numerals to the words?

twelve	1
eight	20
one	12
fifteen	8
twenty	7
three	15
seven	3

How many blocks are there?

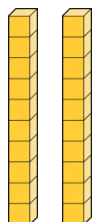


How did you count?

Could you count another way?

Can you make the same amount using objects?

How many blocks are there?

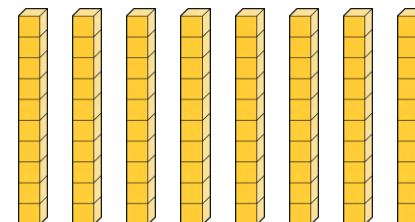


How did you count?

Could you count another way?

Can you make the same amount using objects?

How many blocks are there?



How did you count?

Could you count another way?

Can you make the same amount using objects?

Can you count the fingers?



How did you count?

Could you count another way?

Can you make the same amount using objects?

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Can you count the fingers?



How did you count?

Could you count another way?

Can you make the same amount using objects?

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Can you count the fingers?



How did you count?

Could you count another way?

Can you make the same amount using objects?

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Can you count the fingers?



How did you count?

Could you count another way?

Can you make the same amount using objects?

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Can you count the thumbs?



How did you count?

Could you count another way?

Can you make the same amount using objects?

Can you count the thumbs?



How did you count?

Could you count another way?

Can you make the same amount using objects?

Can you count the thumbs?



How did you count?

Could you count another way?

Can you make the same amount using objects?

Can you count the thumbs?

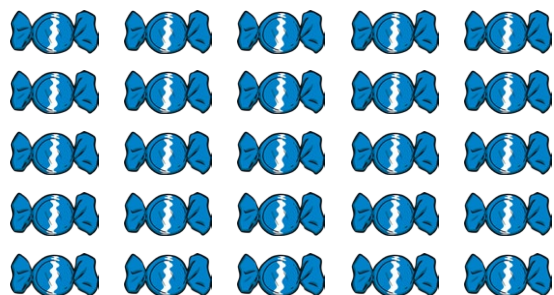


How did you count?

Could you count another way?

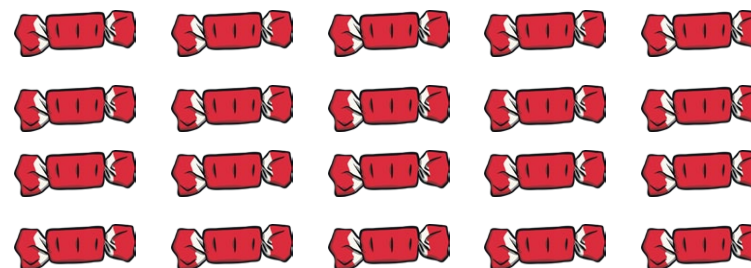
Can you make the same amount using objects?

Can you count the sweets?



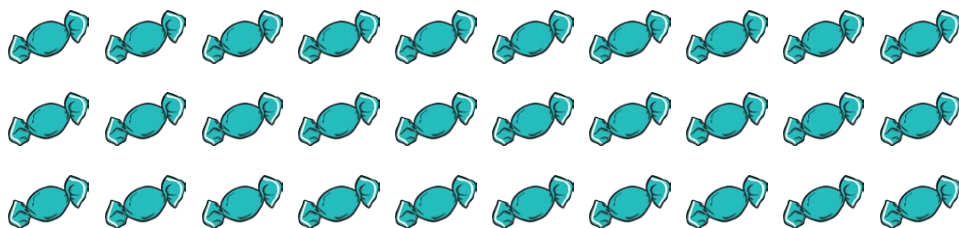
How did you count?
Could you count another way?

Can you count the sweets?



How did you count?
Could you count another way?

Can you count the sweets?



How did you count?
Could you count another way?

Can you count the sweets?



How did you count?
Could you count another way?