White Rose Maths

Year 1 - Spring - Block 2

Place Value

Annie counts how many muffins she has.

I have 35 muffins.
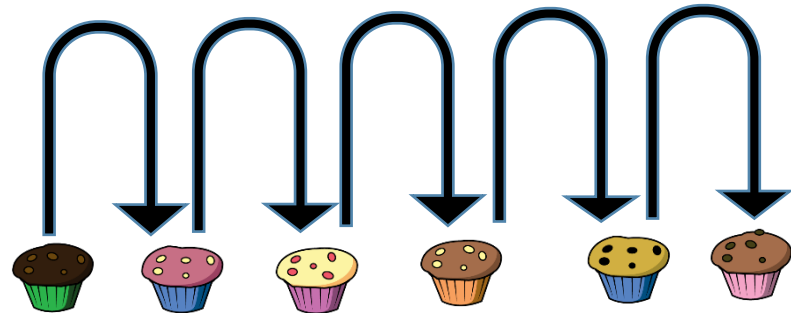
30	31	32	33	34	35	36	37	38	39	40

Do you agree with Annie?
Explain your answer.

Eva is counting from 38 to 24

Will she say the number 39?
Will she say the number 29?
Will she say the number 19?
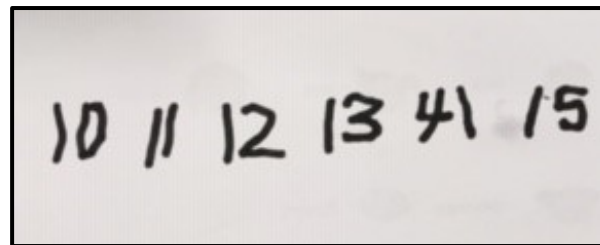
Explain how you know.

Ron and Whitney are counting.
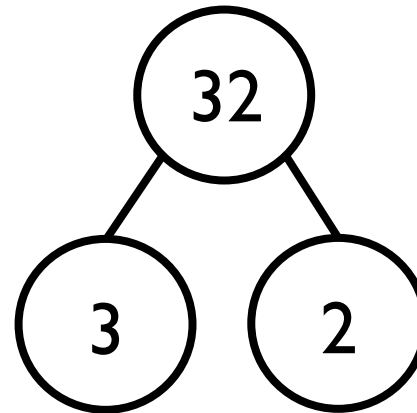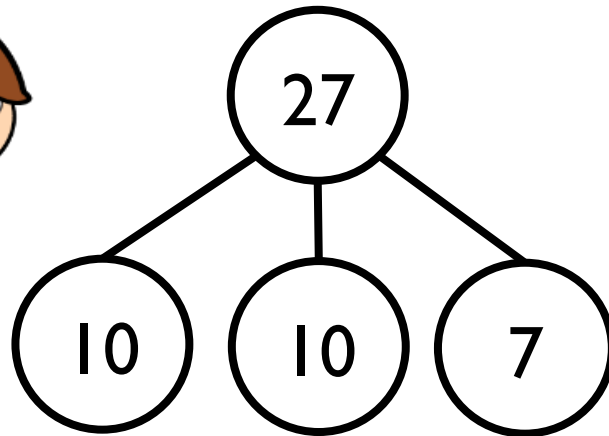Ron says:

43, 42, 41, 40, 41, 42

Whitney writes:

10 11 12 13 41 15

Can you spot their mistakes?

The children are completing the part whole models.

Tommy

```
    32
   /  \
  3    2
```

Rosie

```
     27
    / | \
  10 10  7
```
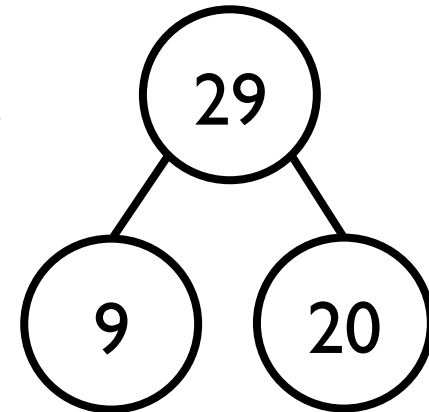
Jack
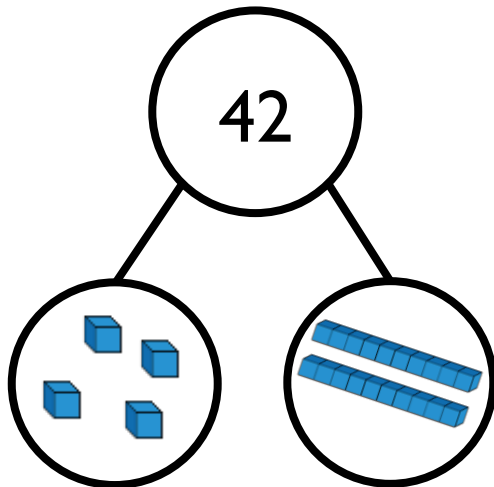
```
    29
   /  \
  9    20
```
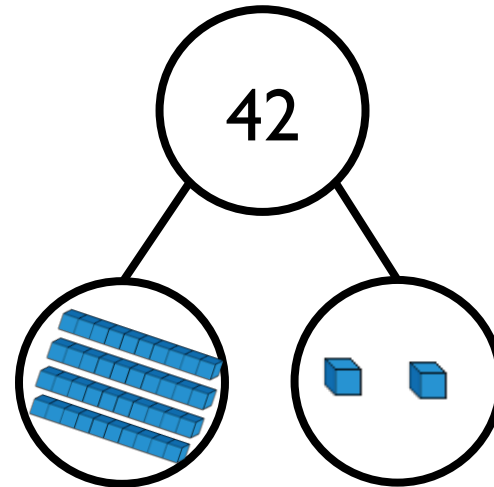
Are they correct?
Explain why.

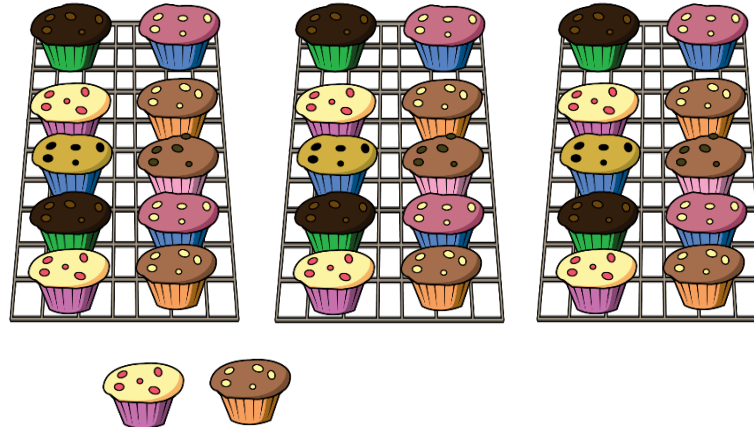Dora and Amir both try to build the same number.
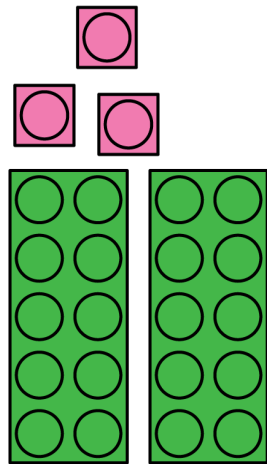
Dora

42

Amir

42

Who is correct?
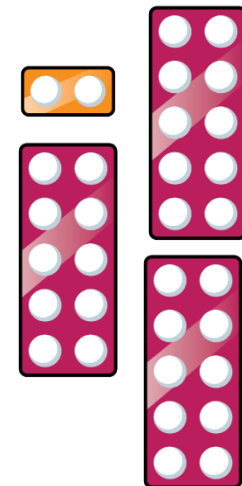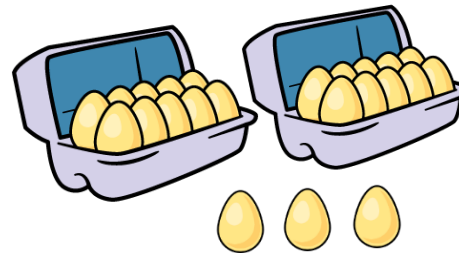Can you explain the mistake that has been made?

Sort the representations in to two groups.
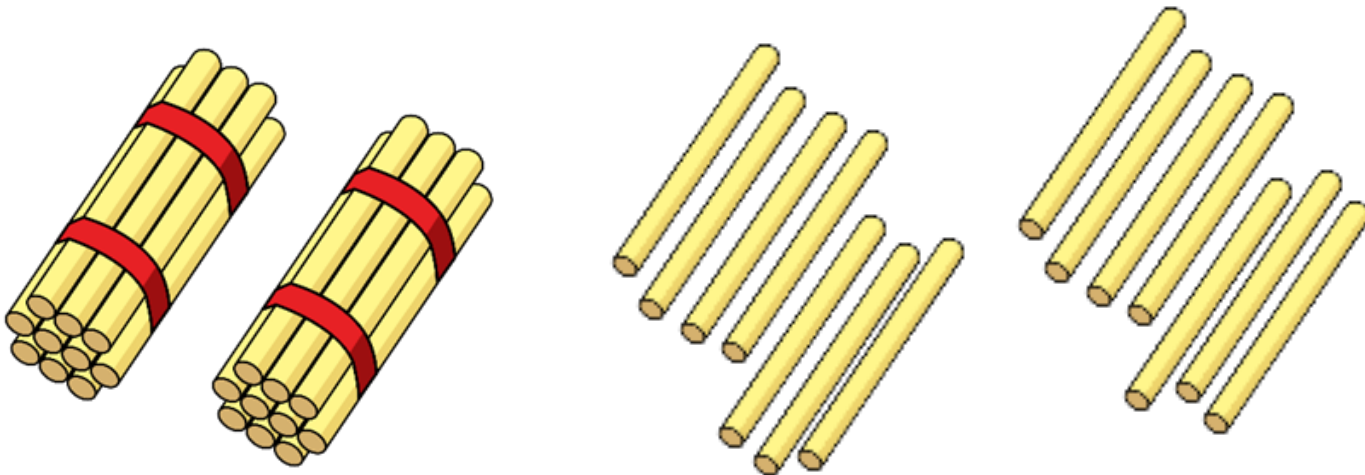
23

Three tens and 2 ones

Twenty and three

Explain how you have sorted them.
Can you add your own representations?

Whitney says,

I have 2 tens and 14 ones.

How many straws does Whitney have?

Always, Sometimes, Never…

When you find one more than a number, only the ones digit will change.

Convince me using some examples.

Use the clues to work out the number.

- I have a number with 3 tens.
- One less than my number makes the tens digit change.
- One more than my number has 1 one.

What is my number?
Can you make some clues to describe your secret number?

Choose the correct numbers to make the sentences correct.

28 26 33 45

36 43 35 49

☐ is one less than 27

34 is one less than ☐

☐ is one more than 44

50 is one more than ☐

Jack and Eva are playing a game.
They each collect a handful of cubes.
They arrange their cubes to see who has more.
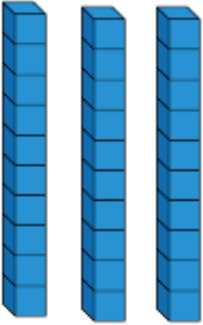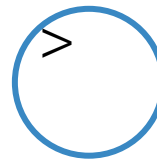
Jack

Eva

I have more.

I have more.

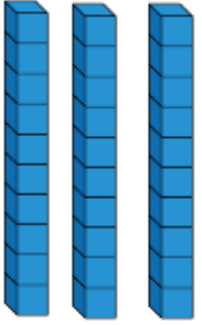Jack

Eva

Who is right?
Practise comparing objects with your friend.
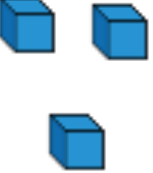
Dexter compares two numbers.

30 is less than 33
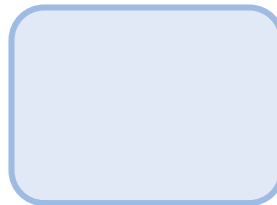
Tens	Ones

>

Tens	Ones

Do you agree with Dexter?
Explain your answer.

Pick a card.

Draw pictures in the boxes to make the comparison true.
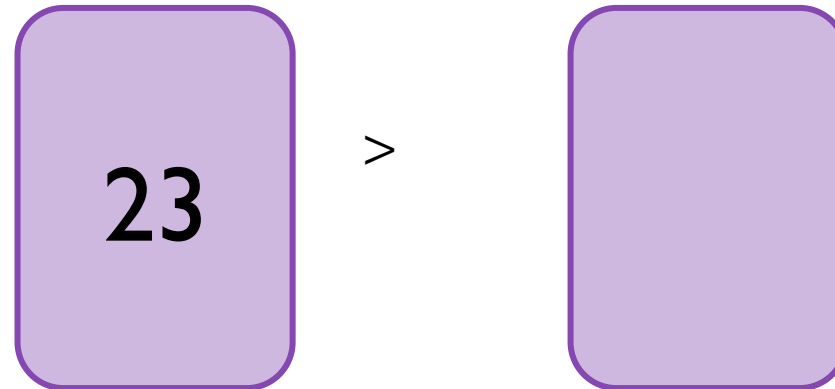
< [ ] > [ ] = [ ]

Teddy is comparing two numbers.

My number is larger than 19 but not one more than 19

23 >

What could Teddy's number be?
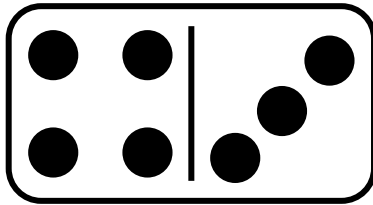What can't it be?

Dora compares the two values.

23 < 3 tens and 3 ones

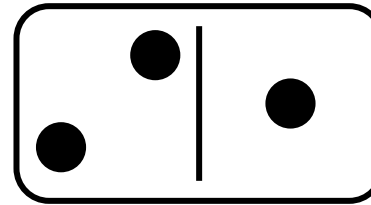Change one thing in the values so they are equal.

Pick two dominoes to represent two two-digit numbers.

For example,

43

21

Then compare them using $<, >$ or $=$

43 $>$ 21   21 $<$ 43
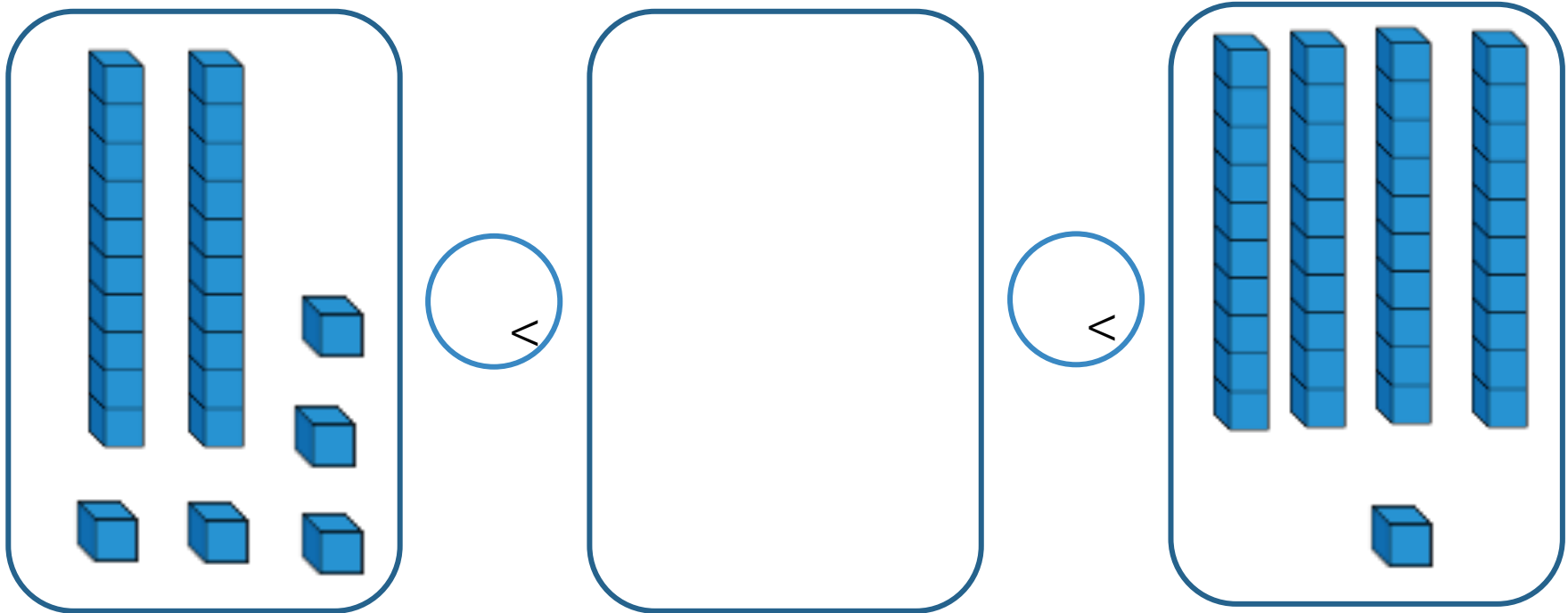
Explain how you know.

Spot the mistake
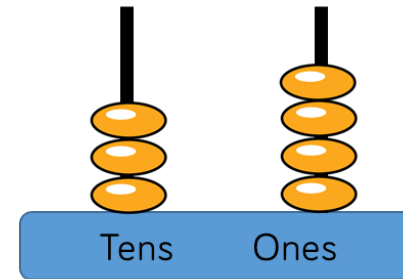
12 > 21 > 33 > 35

Can you correct it?

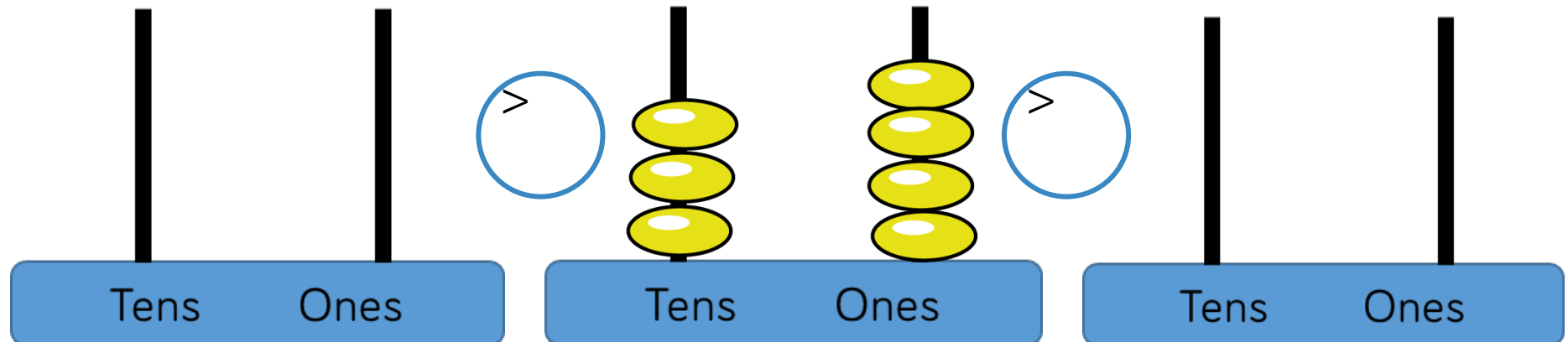Find at least 5 different numbers that could complete the statement.

Alex has this abacus.

She uses 6 discs on each empty abacus.
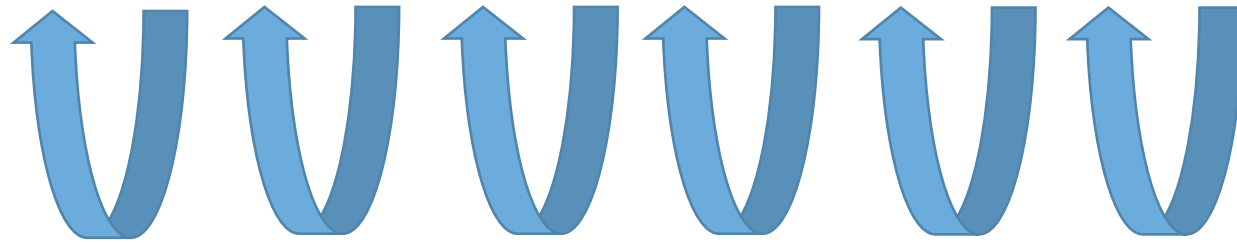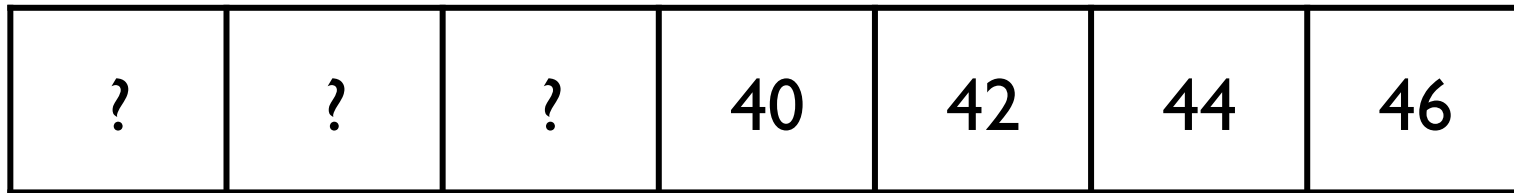Her numbers must have some tens and some
ones.
Draw on the abacus what her numbers could be.

Tens   Ones   >   Tens   Ones   Tens   Ones   >   Tens   Ones

Can you find more than one answer?

Count in 2s backwards to complete the number track.

?	?	?	40	42	44	46

2 less   2 less   2 less   2 less   2 less   2 less

If you continue counting, will you say the number 25?

Always, sometimes, never…

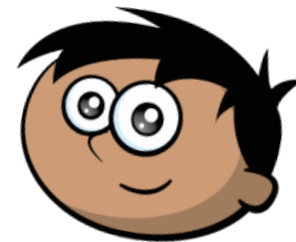When you count in twos, your digits will be 0, 2, 4, 6, 8

Prove it!

Rosie counts back from 50 in 2s.
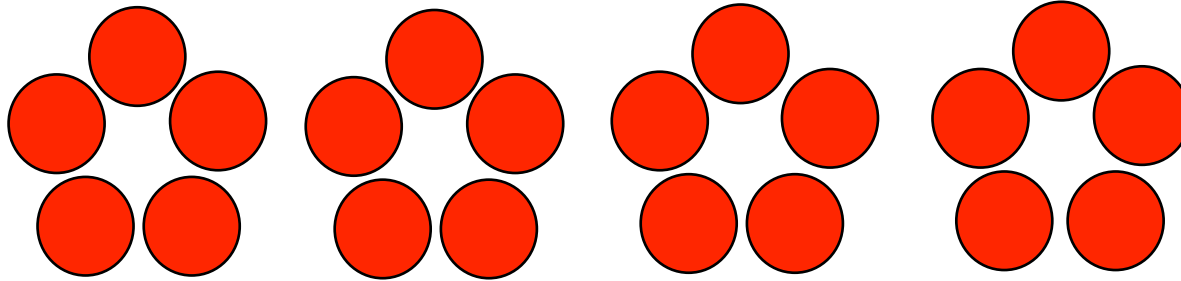Amir counts up from 12 in 2s.

50, 48, 46, 44…

12, 14, 16…

They say their numbers together.
Who will say 30 first.

Amir is making this flower pattern with counters.

Annie says,

If you make 9 flowers, you will use 43 counters.

Do you agree with Annie?
Explain your answer.

Odd One Out

25

27
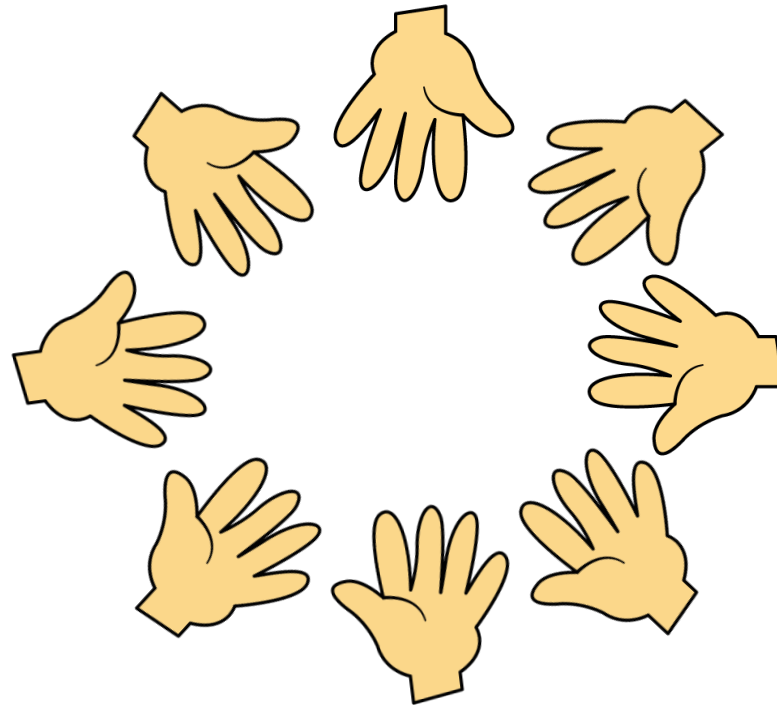
30

45

Which is the odd one out? Explain your answer.

Work in groups. Create a circle with your hands.
You can choose to put in one hand or both hands.

Count how many fingers and thumbs you can see altogether.
Can you predict how many? Count to check.