

**White**

**Rose  
Maths**

Year 1

**Place Value (within 20)**

Circle the odd one out and explain why.

11      12      13      14

15      61      17      18

Mr Monaghan says,



I am going to count  
to 20

I will start at 8

Will Mr Monaghan say 11?

Explain how you know.

Teddy says,



I can make all the numbers from eleven to twenty using the digits 1 – 9

Do you agree?

Explain your answer.



# Game

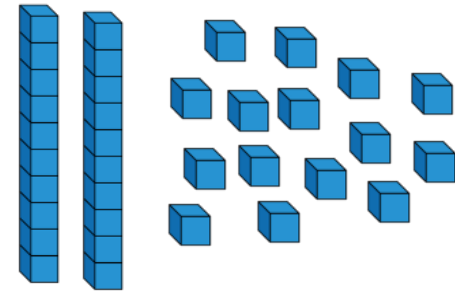
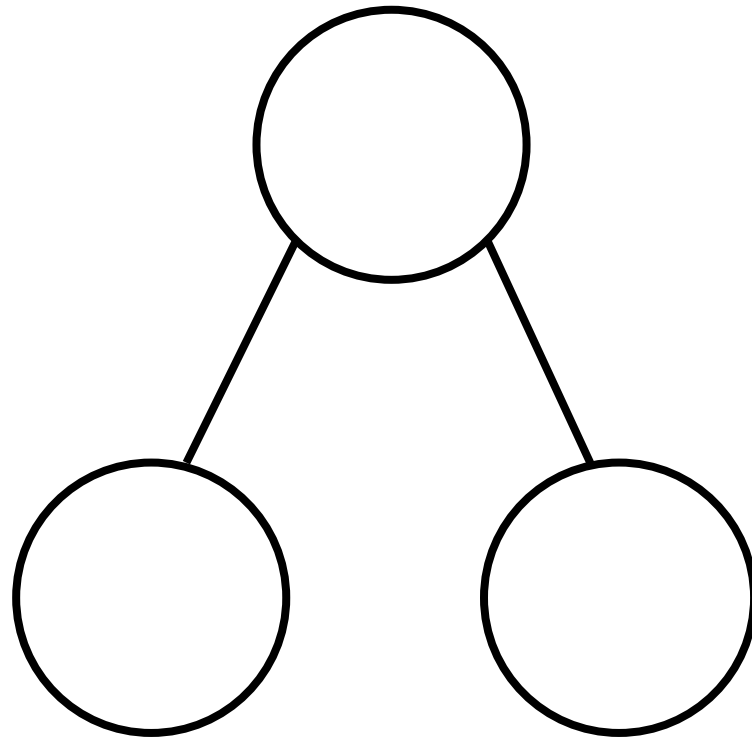
Use two sets of number cards.

One set with numerals 1–20, one set with words 1–20

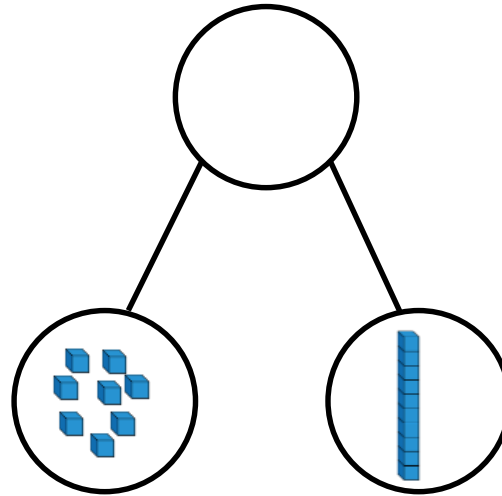
Play in groups of 3 or 4

Take it in turns to pick a numeral card and a word card. Say the number on each card out loud. If they match you win the pair, if they don't you put them back.

How many ways can you complete the part-whole model to show numbers up to 20, using the Base 10 equipment – you do not have to use it all.



Alex makes a part-whole model.



She says,



There are 8 tens and 1 one.

Explain her mistake.

What is her number?

Mo says,



I am one year older than my  
sister.

My sister is one year older than  
my brother.

My brother is 13

How old is Mo?

How old is his sister?



Use number cards 11 – 20

How many different ways can you complete the boxes?



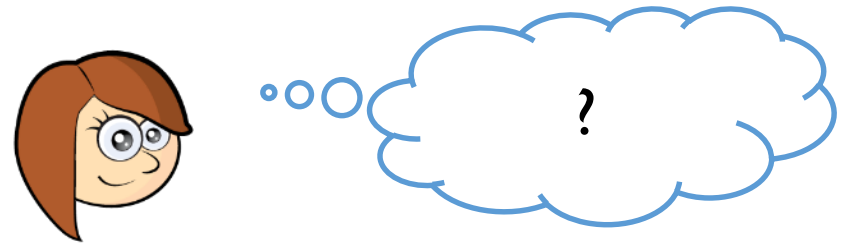
Teddy thinks of a number.



1 more than his number is 11

What is his number? Prove it.

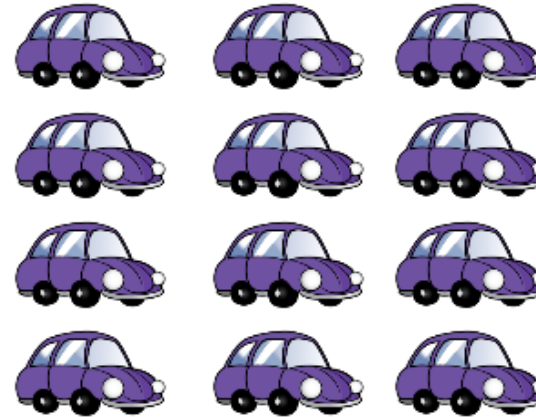
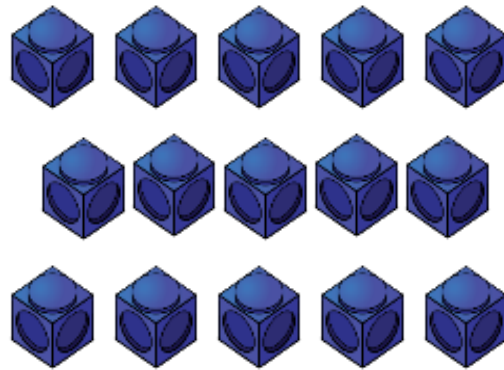
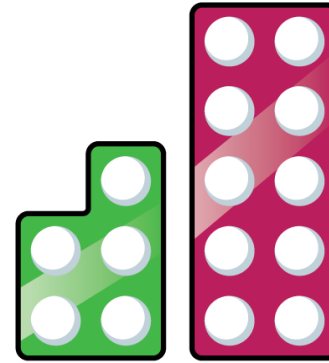
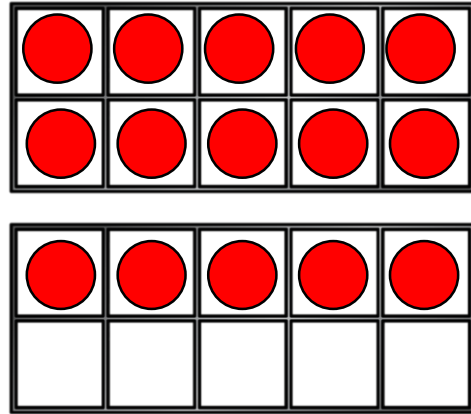
Rosie thinks of a number.



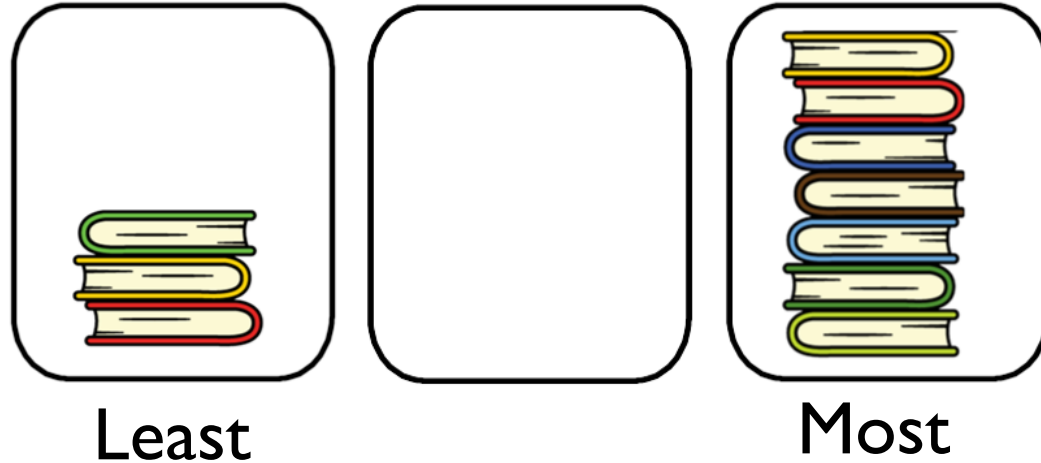
1 less than her number is 15

What is her number? Prove it.

Which image is the odd one out?  
Why?



How many books can go in the empty box?



Compare with your partners- have you drawn the same amount of books?

How many possibilities are there?

Is it possible to have 3 or 7 books in the middle pile?

Dora has three jars of sweets.



$$A = 12$$



$$B = \underline{\quad}$$



$$C = 17$$

She says,



A has the least sweets.  
C has the most sweets.

How many sweets could be in B?

Fill the gaps:

\_\_\_\_\_ is more than 15 but less than 20

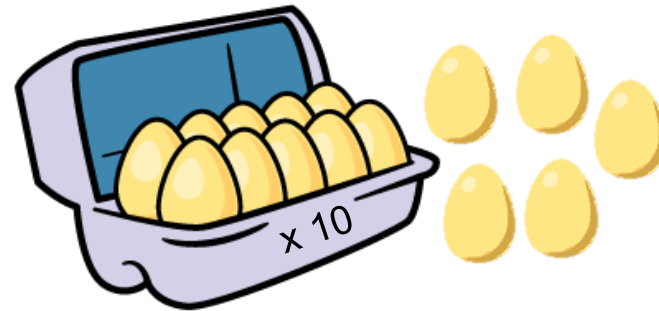
\_\_\_\_\_ is less than eighteen but more than twelve.

What numbers could go in the gaps?

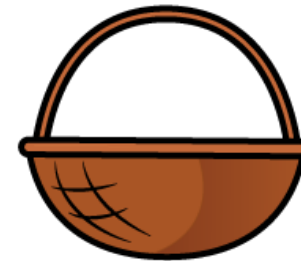
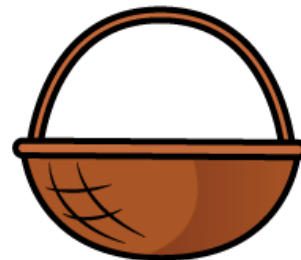
Explain your answer.

All of the eggs are placed into baskets.

How many different ways can you make it correct?

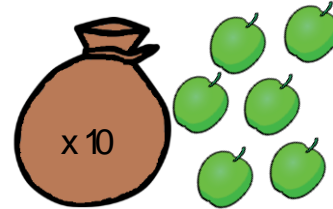
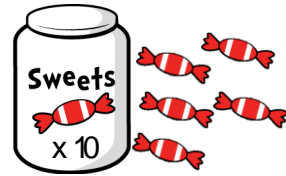


Greatest



Least

Alex orders the groups of objects from smallest to greatest.



Teddy says,



This is the incorrect order because there are more apples than chew bars.

Do you agree with Teddy?

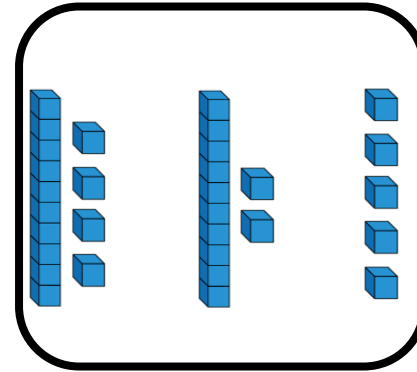
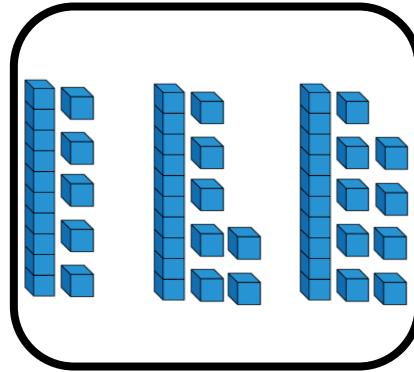
Has Alex done anything else wrong?



Complete the image and match the numerals to the correct picture.

11, 17, 19

14, 12, 5



Order the numbers in each group from smallest to largest.

Order all of the numbers from smallest to largest.

Mr Monaghan says,



My number is greater  
than 8 but less than 15

What could his number be?