

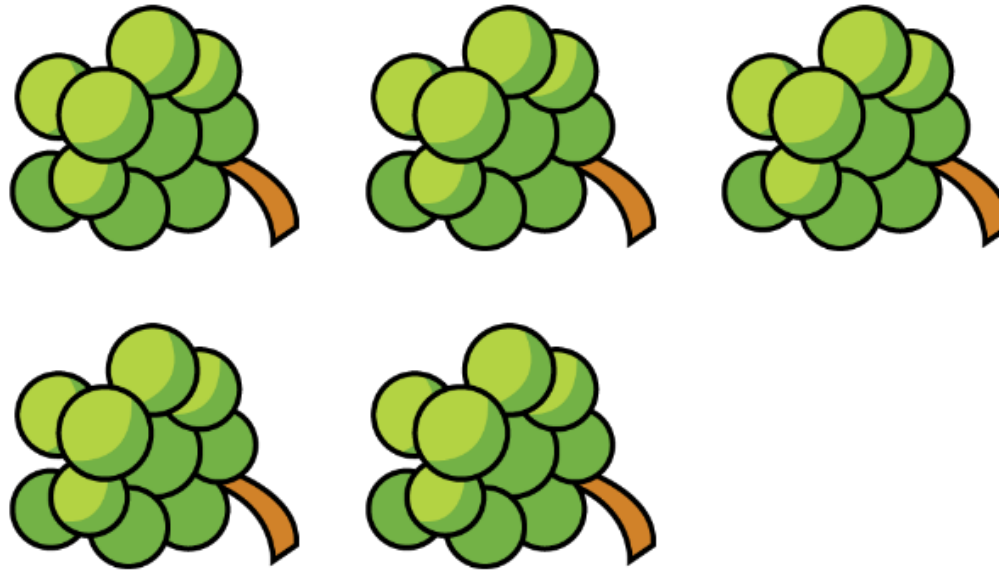
White

**Rose
Maths**

Year 1 - Summer - Block 1

Multiplication & Division

In a shop, grapes come in bunches of 10



Max wants to buy forty grapes.

Are there enough grapes?

Jemima is counting in 10s on part of a hundred square.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50

She starts at 10

Shade in all the numbers Jemima will say.

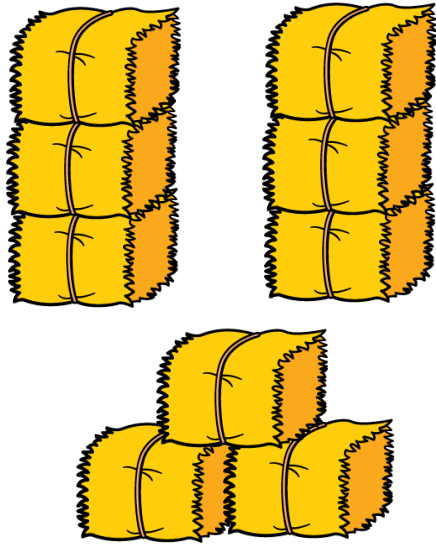
What is the same about the numbers she says?

What is different about the numbers?

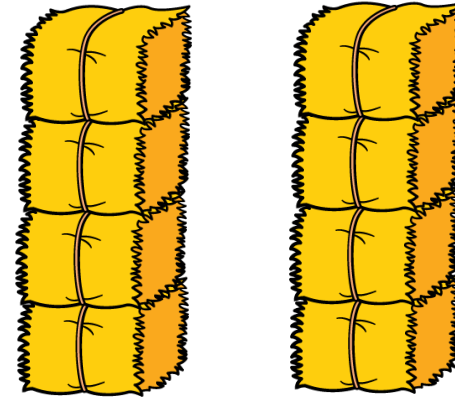
Dora and Rosie are making hay bundles.

Who has made equal groups?

Dora



Rosie



Explain how you know.

Use concrete materials or pictures to complete the questions.

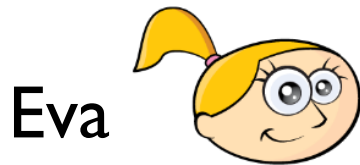
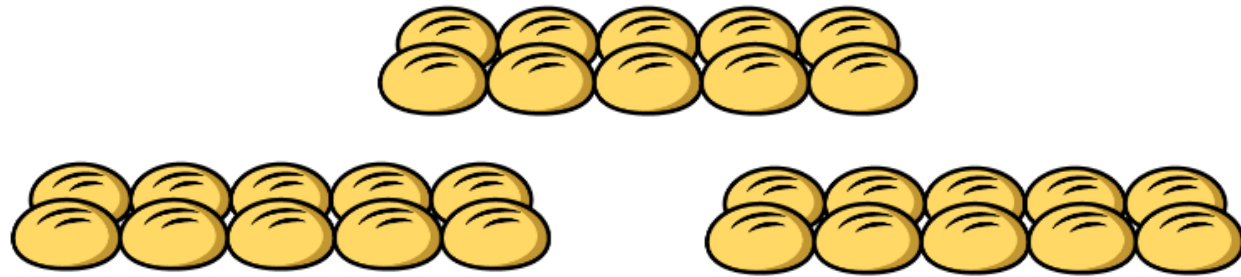
Alex has 4 equal groups.

Show me what Alex's groups could look like.

Whitney has 3 unequal groups.

Show me what Whitney's groups could look like.

Eva and Whitney are making equal groups of bread rolls.



We need one more group to make 40

We need 10 more rolls to make 40

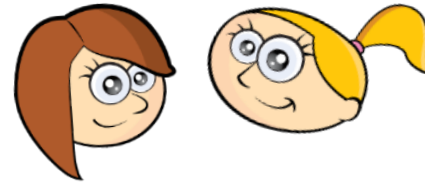


Whitney

Who do you agree with? Explain why.

Rosie and Eva have equal groups of either 2, 5 or 10

Each of their totals is less than 40



Rosie has 5 equal groups.

Eva has 3 equal groups.

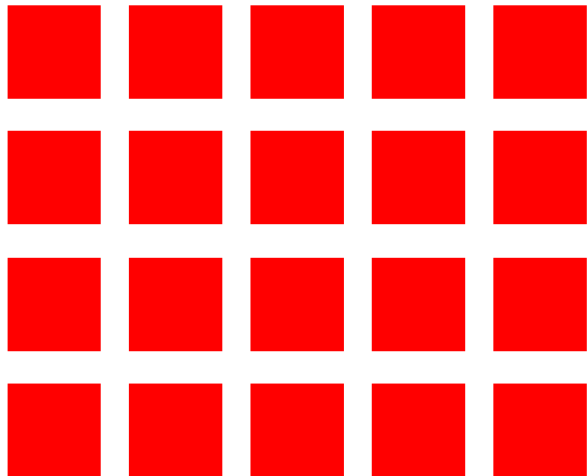
Eva's total is more than Rosie's total.

What could they be counting in?

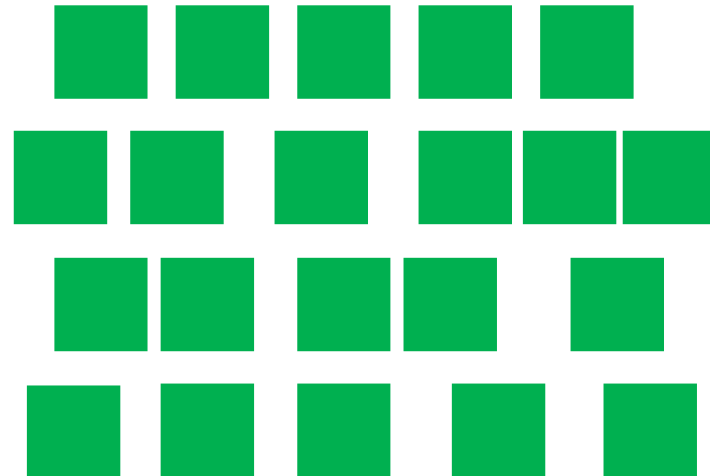
Use equipment to help you.

Amir and Whitney are making arrays.

Amir 

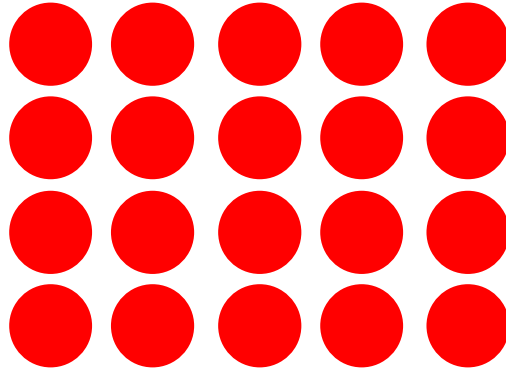


Whitney 



Who has made a mistake? Explain why.

Teddy and Alex are writing number sentences to describe the array.



Teddy

$$4 + 4 + 4 + 4 + 4 = 20$$



Alex

$$5 + 5 + 5 + 5 = 20$$



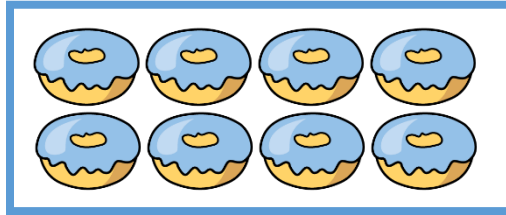
Who do you agree with? Explain why.

Eva begins to make an array with 40 counters.
 She has finished her first row and her first column.
 Complete her array.



Write two different number sentences to describe the finished array.

Louise doubles her donuts. The picture shows what she had after she doubled her donuts.

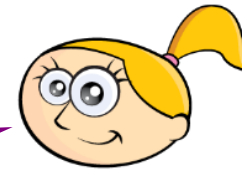


Whitney



Louise started with 4 and ended with 8 donuts.

Louise started with 8 and ended with 16 donuts.



Eva

Mo



Louise started with 2 and ended with 4 donuts.

Who do you agree with? Explain why.

Complete the table by doubling each number.

1	
2	
3	
4	
5	
6	
7	
8	
9	
10	

What patterns do you notice?

Tommy and Jack each have the same number of sweets.



Tommy has 5 equal groups of 2

Jack has 1 equal group.

How many sweets are in Jack's group?

I am thinking of a number between 20 and 30

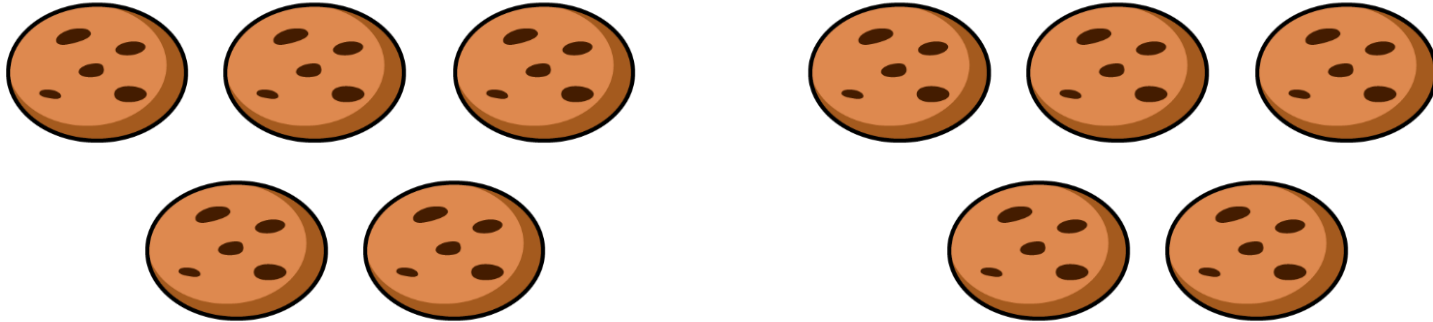
I can only make equal groups of 5

What must my number be?

What happens when I try to make groups of 2 with it?

What happens when I try to make groups of 10 with it?

Dora has 10 biscuits.



She wants to share them equally at her party.

How many people could be at the party?

There are 10 cakes and 2 boxes.

An equal amount needs to be put into each box.



Jack



Put them into groups
of 2

Eva



Share them into 2
groups.

Who is correct?

Explain your answer.