

LO – To explore grouping and array.

I can understand what an equal group is.

I can create an equal group.

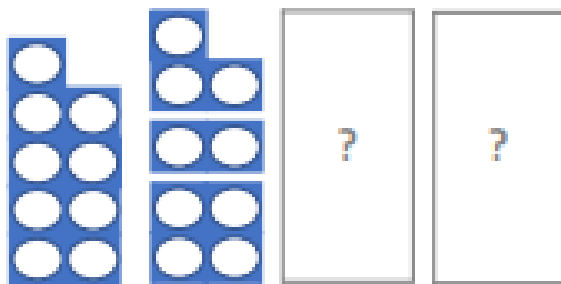
I can separate an array into groups.

Green

Making Equal Groups

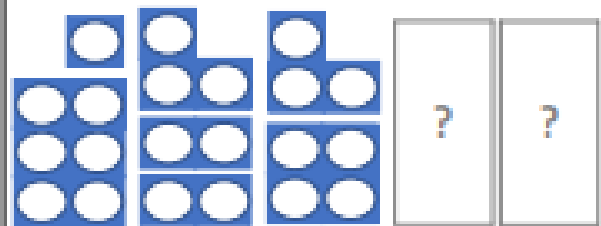
Making Equal Groups

7a. Tia is making 4 equal groups of 9. What combination of Numicon can she use to make the third and fourth group?



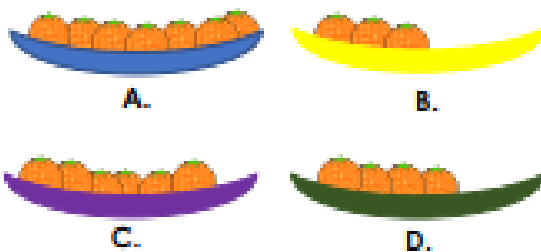
PS

7b. Tim is making 5 equal groups of 7. What combination of Numicon can he use to make the fourth and fifth group?



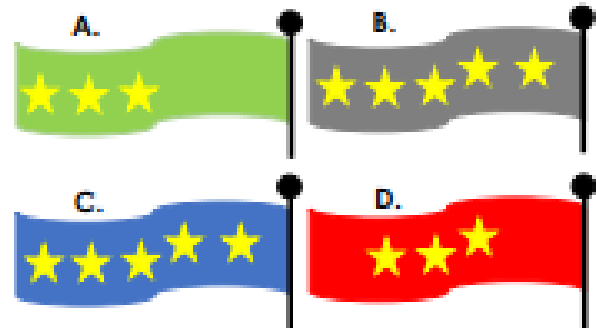
PS

8a. How can you make these groups below equal?



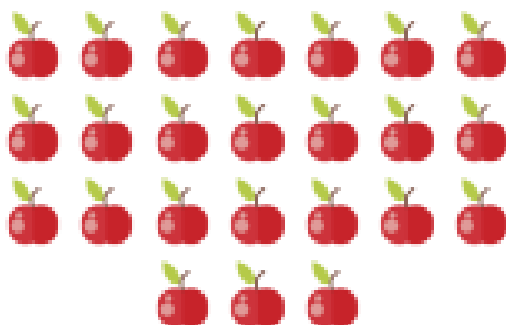
PS

8b. How can you make these groups below equal?



PS

9a. Tammy has 24 apples. Can she make 4 equal groups of 5?

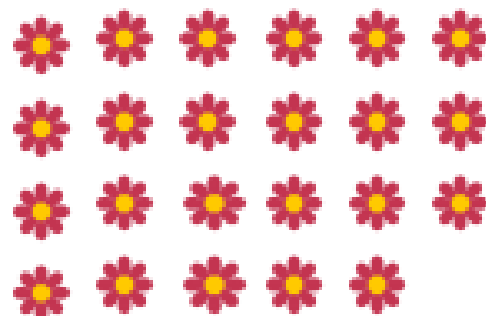


Explain your answer.



PS

9b. Sameena has 23 flowers. Can she make 7 equal groups of 3?



Explain your answer.



PS

Make Arrays

4a.



My array has 3 columns with 2 in each column. I will need 8 counters to make it.

Is Alisha correct? Explain your answer.



Make Arrays

4b.



I have 10 counters. I can make an array with 5 in each row.

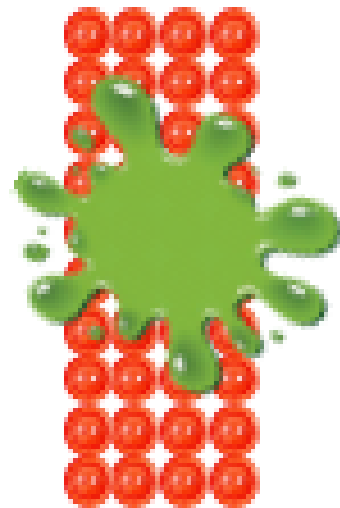
Is Edward correct? Explain your answer.



5a. Complete the array.



5b. Complete the array.



6a. Which is the odd one out? Why?

$$10 + 10 = 20$$

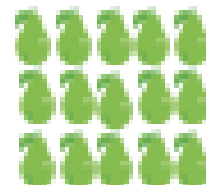
There are 10 apples in each row. There are 3 rows.



6b. Which is the odd one out? Why?

$$2 + 2 + 2 = 6$$

There are 5 pears in each row. There are 3 rows.



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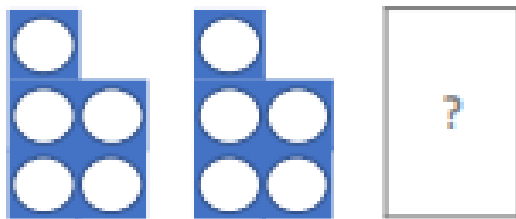
I can separate an array into groups.

Yellow

Making Equal Groups

Making Equal Groups

4a. Jack is making 3 equal groups of 5. What combination of Numicon can he use to make the third group?



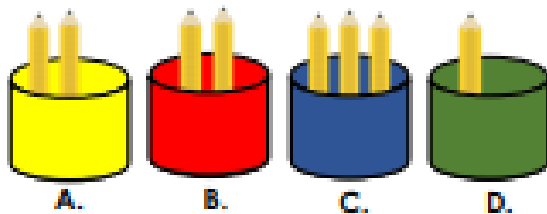
PS

4b. Sara is making 5 equal groups of 4. What combination of Numicon can she use to make the fifth group?



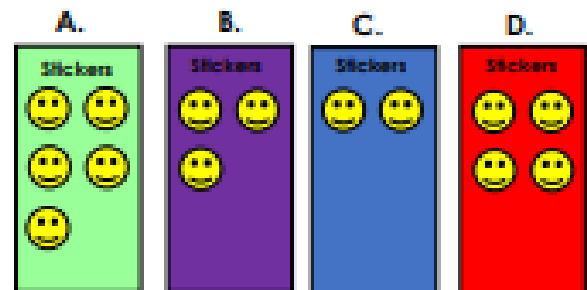
PS

5a. How can you make these groups below equal?



PS

5b. How can you make these groups below equal?



PS

6a. Rosie has 16 sweets. Can she make 3 equal groups of 5?

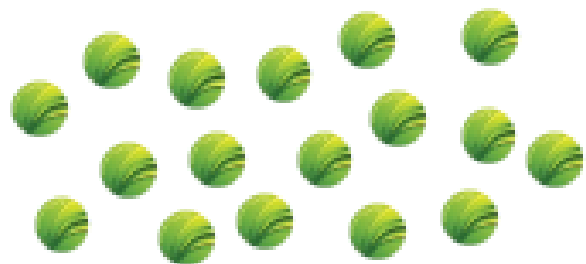


Explain your answer.



PS

6b. Carl has 17 marbles. Can he make 8 equal groups of 2?



Explain your answer.



PS

Make Arrays

7a.



My array uses 8 counters and has 1 more column than row. It has 2 in each row.

Is Henrick correct? Explain your answer.



Make Arrays

7b.

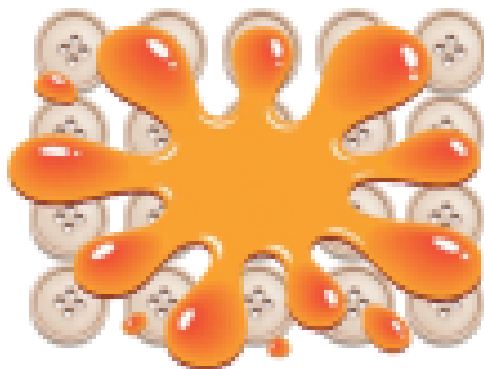


I have 15 counters. I can make an array with 5 in each row but not 5 in each column.

Is Phoebe correct? Explain your answer.



8a. Complete the array.



8b. Complete the array.



9a. Which is the odd one out? Why?

$5 + 5 + 5 + 5 = 20$	There are 5 apples in each column.
	There are 5 apples in each row.



9b. Which is the odd one out? Why?

	There are 5 columns.
$2 + 2 + 2 + 2 + 2 = 10$	There are 2 pears in each column.



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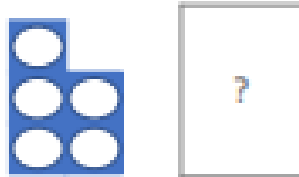
I can separate an array into groups.

Red

Making Equal Groups

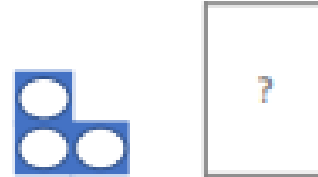
Making Equal Groups

1a. Sally is making 2 equal groups of 5. What combination of Numicon can she use to make the second group?



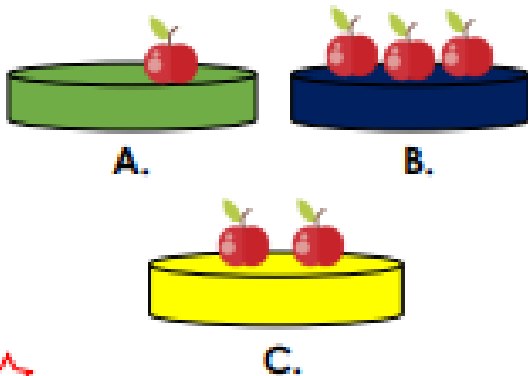
PS

1b. Johan is making 2 equal groups of 3. What combination of Numicon can he use to make the second group?



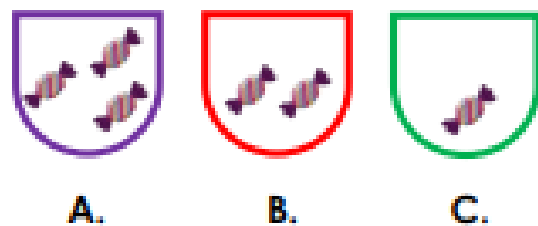
PS

2a. How can you make these groups below equal?



PS

2b. How can you make these groups below equal?



PS

3a. Harun has 10 pens. Can he make 5 equal groups of 2 pens?

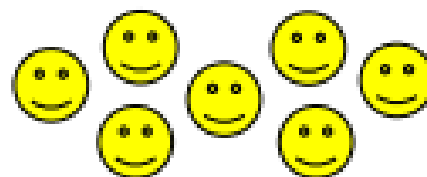


Explain your answer.



PS

3b. Harry has 7 stickers. Can he make 2 equal groups of 4 stickers?



Explain your answer.



PS

Make Arrays

1a.

My array has 5 columns with 2 in each column. I will need 7 counters to make it.



Is Heike correct? Explain your answer.



Make Arrays

1b.

I have 15 counters. I can make an array with 2 in each row using all the counters.



Is Caleb correct? Explain your answer.



2a. Complete the array.



2b. Complete the array.



3a. Which is the odd one out? Why?

$$2 + 2 + 2 = 6$$

There are 2 apples in each row. There are 4 rows.



3b. Which is the odd one out? Why?

$$2 + 2 + 2 + 2 = 8$$

There are 4 pears in each row. There are 4 rows.

