

## Lesson 8 – Order Groups of Objects

## NC Objective:

- Count to and across 20, forwards and backwards, from any given number
- Read and write numbers from 1 to 20 in numerals and words
- Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least

## Resources needed:

Differentiated Sheets  
Teaching Slides  
Concrete equipment

## Vocabulary:

Order, groups, numbers, methods, largest, smallest

Children have ordered groups of objects to 10 and now apply this knowledge to groups of objects up to 20. It is important for children to recap numbers below 10. Children using the one and two star will order three groups of numbers in this step to support them in ordering 3 abstract numbers in the following lessons.

It is important that different methods are shared so that they are exposed to efficient methods.

## Key Questions:

How can you order the groups? How can you work out which one is the largest/smallest? Can you just look at two groups? Why? What is happening to the numbers when we order from largest to smallest? Can you think of an amount less than the smallest group? How is your drawing different to your partners? Can you describe the order using largest and smallest? What would happen to your description if we changed the numbers around?

## ★ Working Towards

Order the groups from **smallest** to **greatest**. I bring the smallest.

Draw counters in each box to make it correct.

Smallest: \_\_\_\_\_ Greatest: \_\_\_\_\_

Draw tens and ones in each box to make it correct.

Smallest: \_\_\_\_\_ Greatest: \_\_\_\_\_

## ★★ Working Within

Order the groups from **smallest** to **greatest**. I bring the smallest.

Draw counters in each box to make it correct.

Smallest: \_\_\_\_\_ Greatest: \_\_\_\_\_

Draw tens and ones in each box to make it correct.

Smallest: \_\_\_\_\_ Greatest: \_\_\_\_\_

## ★★★ Greater Depth

Order the groups from **smallest** to **greatest**. I bring the smallest.

Will the amount **less** than the smallest group?

Order the groups from **smallest** to **greatest**. I bring the smallest.

Will the amount **less** than the smallest group?

Make this correct.

Smallest: \_\_\_\_\_ Greatest: \_\_\_\_\_

Draw tens and ones in each box to make it correct.

Smallest: \_\_\_\_\_ Greatest: \_\_\_\_\_

On this sheet, they have 3 groups of simple pictures to count.

On this sheet, they have 3 groups of images representing numbers as tens and ones.

Children on this sheet have a secure knowledge of numbers up to 20. They continue within this objective and have mixed images representing a numerical value. They have 5 images/groups to order.

## Reasoning &amp; Problem Solving

Order the groups from **smallest** to **greatest**. I bring the smallest.

Will the amount **less** than the smallest group?

Order the groups from **smallest** to **greatest**. I bring the smallest.

Will the amount **less** than the smallest group?

Make this correct.

Smallest: \_\_\_\_\_ Greatest: \_\_\_\_\_

Draw tens and ones in each box to make it correct.

Smallest: \_\_\_\_\_ Greatest: \_\_\_\_\_

Order the groups from **smallest** to **greatest**. I bring the smallest.

Will the amount **less** than the smallest group?

Order the groups from **smallest** to **greatest**. I bring the smallest.

Will the amount **less** than the smallest group?

Make this correct.

Smallest: \_\_\_\_\_ Greatest: \_\_\_\_\_

Draw tens and ones in each box to make it correct.

Smallest: \_\_\_\_\_ Greatest: \_\_\_\_\_

Order the groups from **smallest** to **greatest**. I bring the smallest.

Will the amount **less** than the smallest group?

Order the groups from **smallest** to **greatest**. I bring the smallest.

Will the amount **less** than the smallest group?

Make this correct.

Smallest: \_\_\_\_\_ Greatest: \_\_\_\_\_

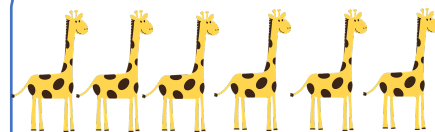
Draw tens and ones in each box to make it correct.

Smallest: \_\_\_\_\_ Greatest: \_\_\_\_\_

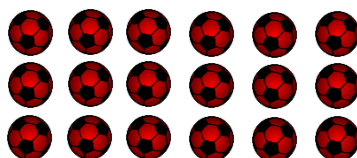
Order the groups from smallest to greatest. 1 being the smallest.





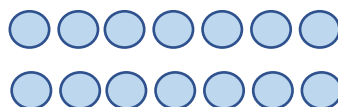









Draw counters in each box to make it correct.

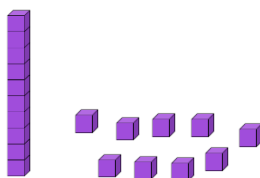



Smallest



Greatest

Draw tens and ones in each box to make it correct.




Smallest



Greatest



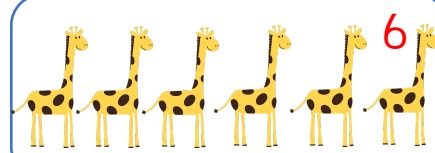
Order the groups from smallest to greatest. 1 being the smallest.



2



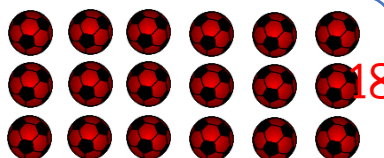
3



1



1



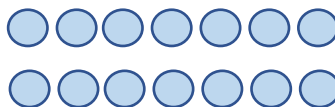
3



2

Draw counters in each box to make it correct.

Any number of circles drawn  
less than 14.



Any number of circles drawn  
more than 14.

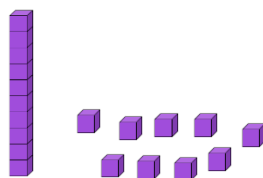
Smallest



Greatest

Draw tens and ones in each box to make it correct.

Any number made less than  
19.



Any number made more than  
19.

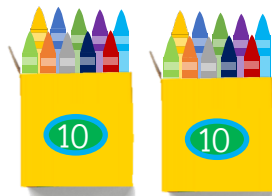
Smallest



Greatest

Order the groups from smallest to greatest. 1 being the smallest.





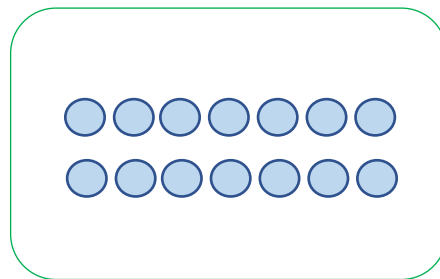









Draw counters in each box to make it correct.

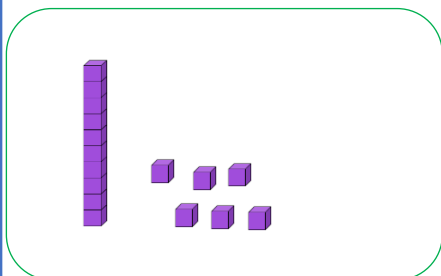



Smallest



Greatest

Draw tens and ones in each box to make it correct.





Smallest

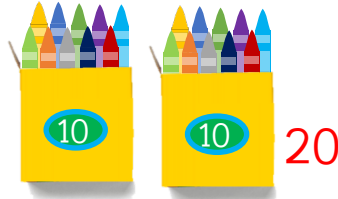


Greatest

Order the groups from smallest to greatest. 1 being the smallest.



1



3



2



3



2

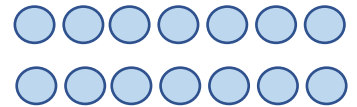


1

Draw counters in each box to make it correct.

Any number of circles drawn less than the amount drawn in the middle box.

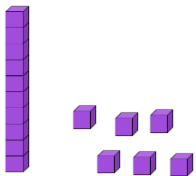
Any number of circles drawn less than 14.



Smallest

Greatest

Draw tens and ones in each box to make it correct.



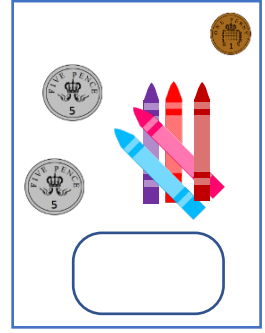
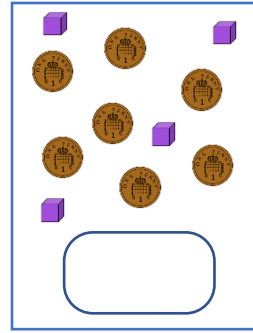
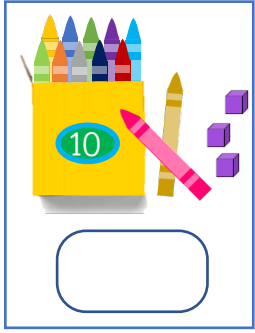
Any number representing tens and ones drawn more than 16.

Any number representing tens and ones more than the amount drawn in the middle box.

Smallest

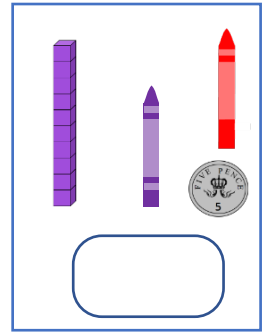
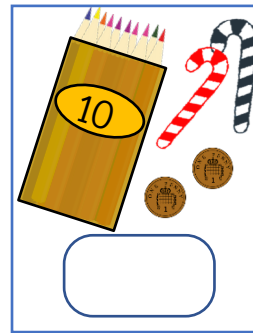
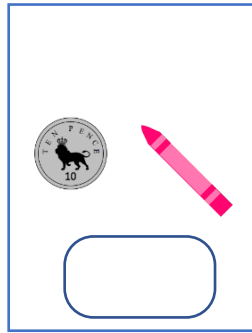
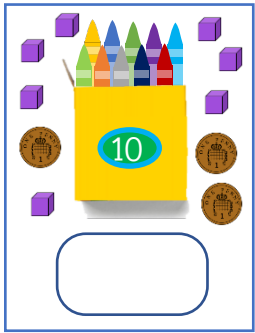
Greatest

Order the groups from **greatest** to **smallest**. 1 being the greatest.



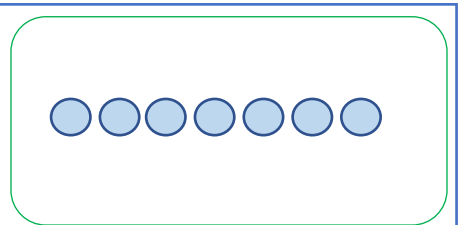
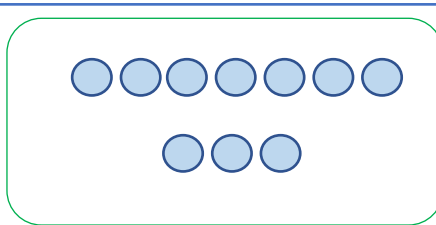
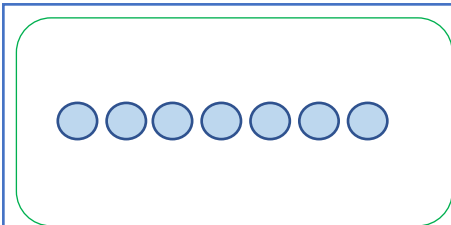
Write an amount **less** than the **smallest** group.

Order the groups from **smallest** to **greatest**. 1 being the smallest.



Write an amount **more** than the **smallest** group.

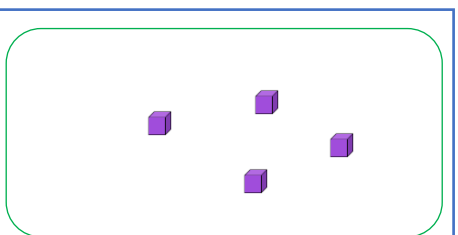
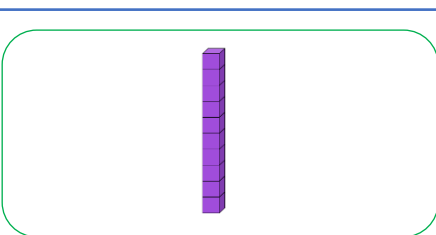
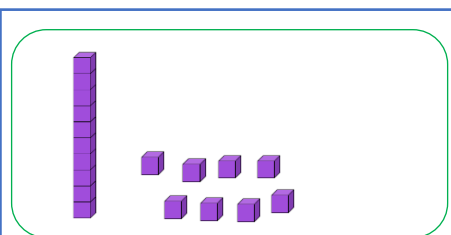
Make this correct.



Smallest

Greatest

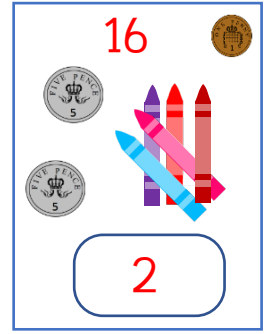
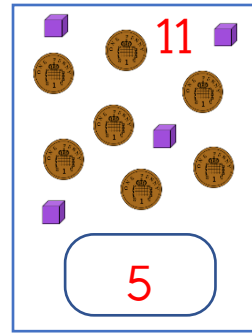
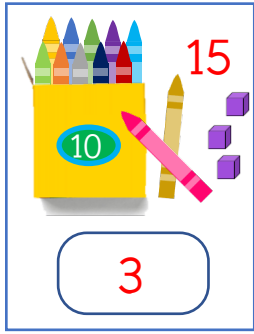
Draw tens and ones in each box to make it correct.



Smallest

Greatest

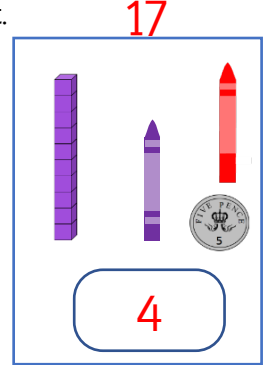
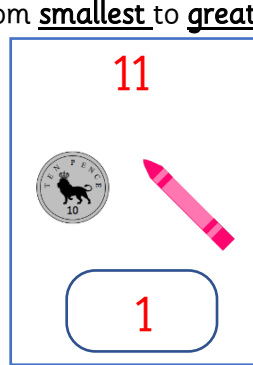
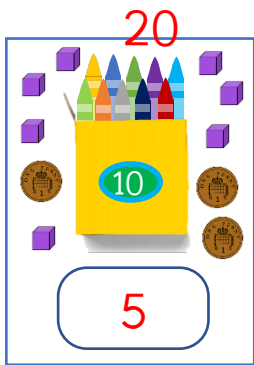
Order the groups from greatest to smallest. 1 being the greatest.



Write an amount less than the smallest group.

A number less than 11.

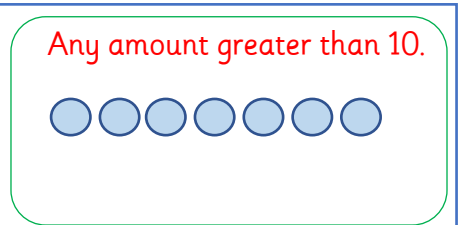
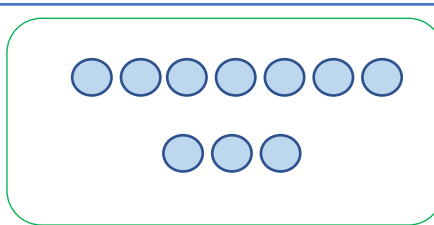
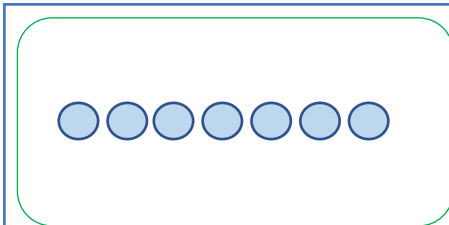
Order the groups from smallest to greatest. 1 being the smallest.



Write an amount more than the smallest group.

A number greater than 11.

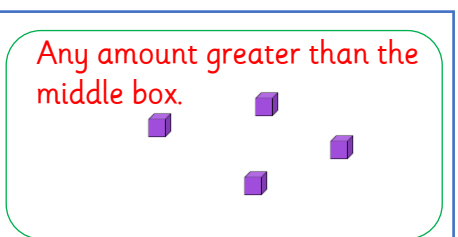
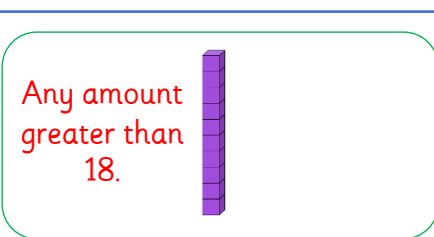
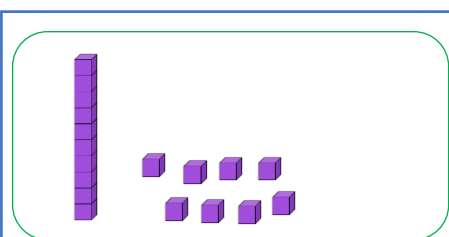
Make this correct.



Smallest

Greatest

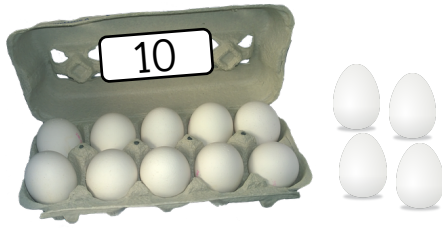
Draw tens and ones in each box to make it correct.



Smallest

Greatest

All of the eggs are placed into baskets.  
How many different ways can you make it correct?



Here is one example:

9 eggs

3 eggs

2 eggs



Greatest

Least

masterthecurriculum.co.uk

Leanna orders the groups of objects from  
smallest to greatest.



Smallest



Greatest



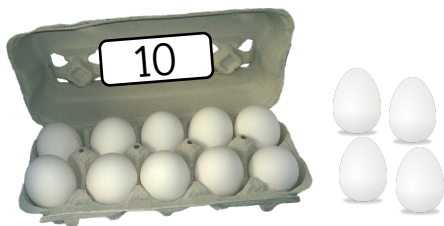
Esin

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

Do you agree with Esin?

Has Leanna done anything else wrong?

All of the eggs are placed into baskets.  
How many different ways can you make it correct?



Here is one example:

9 eggs

3 eggs

2 eggs



Greatest

Least

masterthecurriculum.co.uk

Leanna orders the groups of objects from  
smallest to greatest.



Smallest



Greatest



Esin

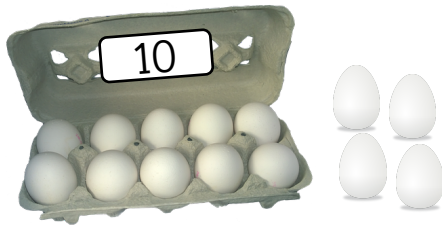
This is the incorrect order because  
there are more bananas than apples.

Do you agree with Esin?

Has Leanna done anything else wrong?



All of the eggs are placed into baskets.  
How many different ways can you make it correct?



Various answers.  
10, 3 and 1  
9, 4 and 1



Greatest

Least

Leanna orders the groups of objects from  
smallest to greatest.



Smallest



Greatest



Esin

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

Esin is correct.

There's also more eggs than apples.

The correct order should be: Apples, eggs, bananas.

Do you agree with Esin?  
Has Leanna done anything else wrong?

All of the eggs are placed into baskets.  
How many different ways can you make it correct?



Various answers.  
10, 3 and 1  
9, 4 and 1



Greatest

Least

Leanna orders the groups of objects from  
smallest to greatest.



Smallest



Greatest



Esin

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

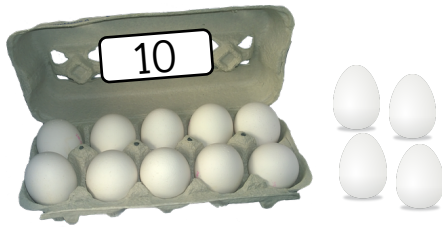
Esin is correct.

There's also more eggs than apples.

The correct order should be: Apples, eggs, bananas.

Do you agree with Esin?  
Has Leanna done anything else wrong?

All of the eggs are placed into baskets.  
How many different ways can you make it correct?



Greatest

Least

Leanna orders the groups of objects from  
smallest to greatest.



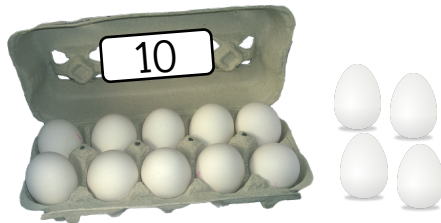
Esin

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

Do you agree with Esin?

Has Leanna done anything else wrong?

All of the eggs are placed into baskets.  
How many different ways can you make it correct?



Greatest

Least

Leanna orders the groups of objects from  
smallest to greatest.



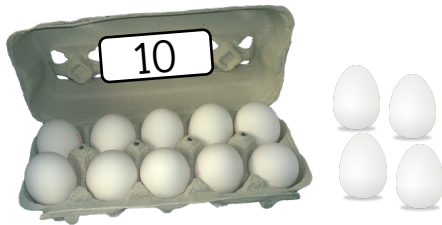
Esin

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

Do you agree with Esin?

Has Leanna done anything else wrong?

All of the eggs are placed into baskets.  
How many different ways can you make it correct?



Various answers.  
10, 3 and 1  
9, 4 and 1



Greatest

Least

Leanna orders the groups of objects from  
smallest to greatest.



Esin

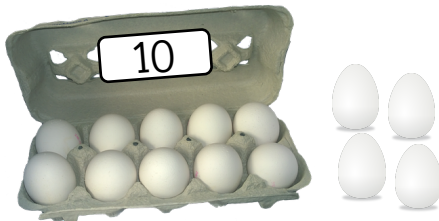
This is the incorrect order because  
there are more bananas than apples.

Esin is correct.

There's also more eggs and pencils than apples.  
The correct order should be: apples, pencils, eggs,  
bananas.

Do you agree with Esin?  
Has Leanna done anything else wrong?

All of the eggs are placed into baskets.  
How many different ways can you make it correct?



Various answers.  
10, 3 and 1  
9, 4 and 1



Greatest

Least

Leanna orders the groups of objects from  
smallest to greatest.



Esin

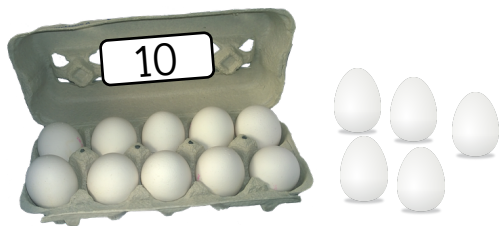
This is the incorrect order because  
there are more bananas than apples.

Esin is correct.

There's also more eggs and pencils than apples.  
The correct order should be: apples, pencils, eggs,  
bananas.

Do you agree with Esin?  
Has Leanna done anything else wrong?

All of the eggs are placed into baskets.  
How many different ways can you make it correct?



Greatest

Least

Leanna orders the groups of objects from  
smallest to greatest.



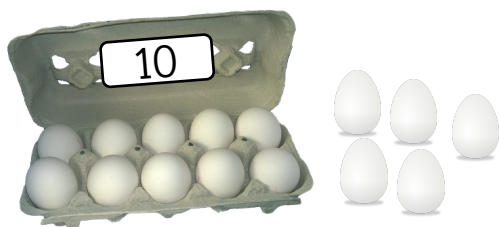
Esin

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

Do you agree with Esin?

Has Leanna done anything else wrong?

All of the eggs are placed into baskets.  
How many different ways can you make it correct?



Greatest

Least

Leanna orders the groups of objects from  
smallest to greatest.



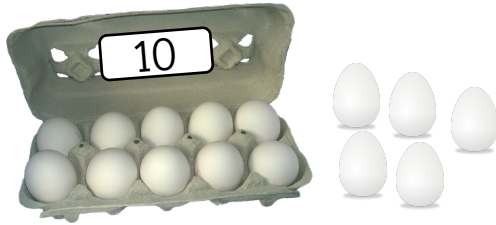
Esin

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

Do you agree with Esin?

Has Leanna done anything else wrong?

All of the eggs are placed into baskets.  
How many different ways can you make it correct?



Various answers.  
9, 3, 2 and 1  
6, 4, 3 and 2



Greatest

Least

Leanna orders the groups of objects from  
smallest to greatest.



Esin

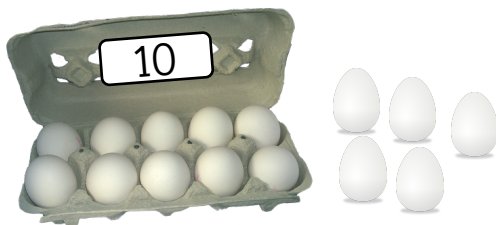
This is the incorrect order because  
there are more bananas than apples.

Do you agree with Esin?  
Has Leanna done anything else wrong?

Esin is correct.

There's also more eggs and pencils than apples  
and more eggs and bananas than sweets.  
The correct order should be: apples, pencils,  
sweets, eggs, bananas.

All of the eggs are placed into baskets.  
How many different ways can you make it correct?



Various answers.  
9, 3, 2 and 1  
6, 4, 3 and 2



Greatest

Least

Leanna orders the groups of objects from  
smallest to greatest.



Esin

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

Do you agree with Esin?  
Has Leanna done anything else wrong?

Esin is correct.

There's also more eggs and pencils than apples  
and more eggs and bananas than sweets.  
The correct order should be: apples, pencils,  
sweets, eggs, bananas.