

Lesson 6 – Compare Groups of Objects

NC Objective:
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: compare, greater than, less than, equal to, most, least, inequality symbols

Once children are confident making and exploring numbers from 10 – 20, they begin to build on this by comparing groups of numbers. They use comparison vocabulary such as ‘greater than, less than and equal to’. They have already explored finding the difference and they can use this as a strategy to find out how many more. Children begin to compare groups of numbers represented by pictures.

Key Questions:

Can you see which group is greater without counting them? How do you know? How many are in each group? Which group has the most? Which group has the least? How do you know? How many more does group ____ have than group ____? Could you use the inequality symbols to compare the numbers?

★ Working Towards

Children on this sheet circle the least and most in a group.

★★ Working Within

On this sheet, they explore finding the difference. They write the correct vocabulary to use to make the sentence correct. They work using comparison symbols with reminders of what each symbol represents.

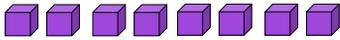
★★★ Greater Depth

Children on this sheet have a secure understanding of comparing simple groups. This sheet is more complex and requires them to add or subtract numbers to make a new total to compare. They compare groups with values rather than 1:1 counting.

Reasoning & Problem Solving

Compare these groups of objects.

Which row has the **most** blocks?
Circle the row.



Which row has the **least** strawberries?
Circle the row.



Circle the correct word to make the sentences correct.

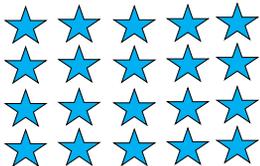


is

more than

less than

equal to

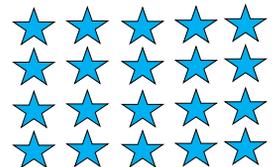


is

more than

less than

equal to

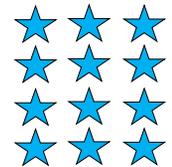


is

more than

less than

equal to

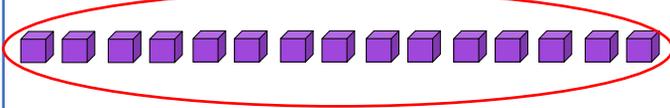
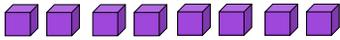


Look at the children below. Circle the person who has the most beads.



Compare these groups of objects.

Which row has the **most** blocks?
Circle the row.



Which row has the **least** strawberries?
Circle the row.



Circle the correct word to make the sentences correct.

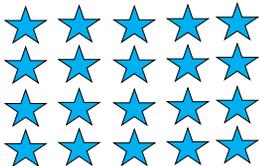


is

more than

less than

equal to

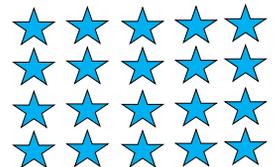


is

more than

less than

equal to

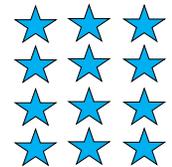


is

more than

less than

equal to

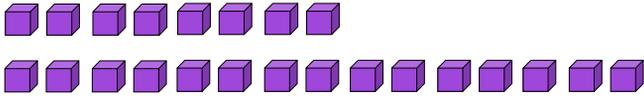


Look at the children below. Circle the person who has the most beads.



Compare these groups of objects.

Which row has the most blocks?
Circle the row.



By how many?

Which row has the least strawberries?
Circle the row.

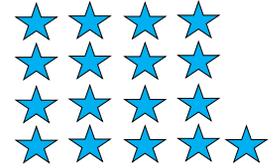


By how many?

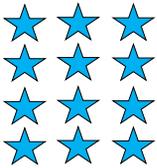
Use more than, less than or equal to to complete the sentences.



is _____



is _____



is _____



<

=

>

less than

equal

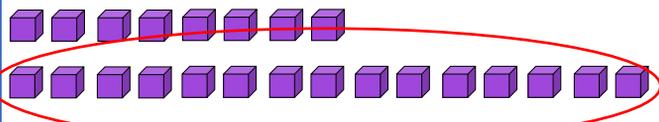
greater than

Look at the children below. Can you add a comparison symbol to describe their beads?
Can you make a number with a partner and describe who has the most and who has the least?



Compare these groups of objects.

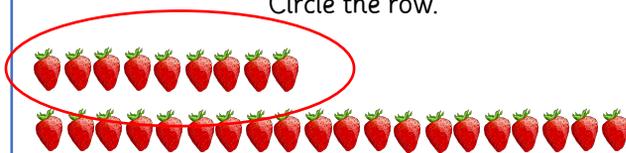
Which row has the most blocks?
Circle the row.



By how many?

7

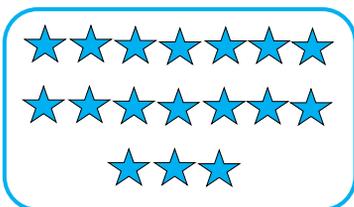
Which row has the least strawberries?
Circle the row.



By how many?

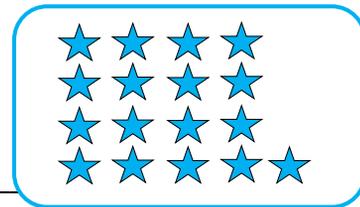
11

Use more than, less than or equal to to complete the sentences.



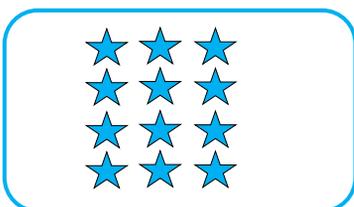
is

equal to



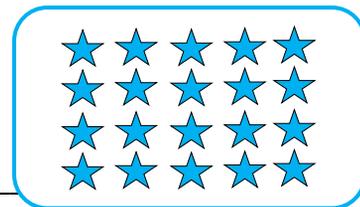
is

less than



is

less than



<

less than

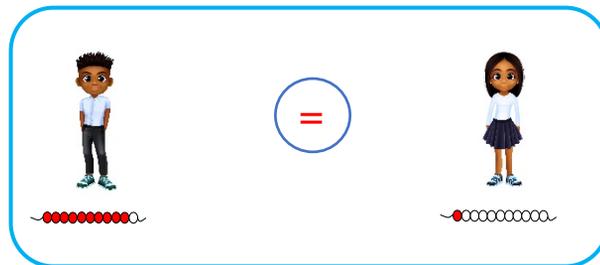
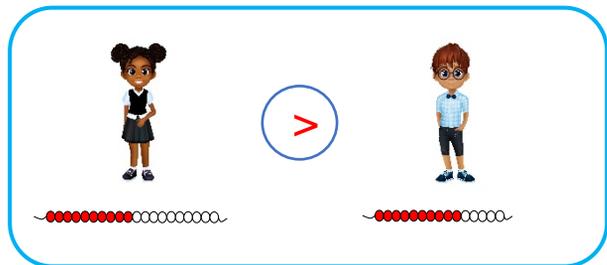
=

equal

>

greater than

Look at the children below. Can you add a comparison symbol to describe their beads?
Can you make a number with a partner and describe who has the most and who has the least?



Compare these groups of objects.

If I add 4 cubes to row number 1, which row will have the most blocks?

Circle it.



By how many?

If I take away five strawberries from the first row, which row will have the least strawberries?

Circle it.



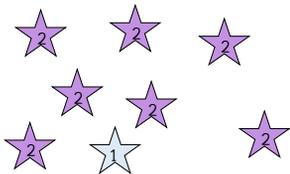
By how many?

Each star has a value.

Use more than, less than or equal to to complete the sentences.



is



is



is



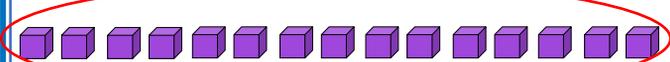
Look at the children's objects. Can you add a comparison symbol to describe the row?
Can you make a number with a partner and describe who has the most and who has the least?



Compare these groups of objects.

If I add 4 cubes to row number 1, which row will have the most blocks?

Circle it.



By how many?

3

If I take away five strawberries from the first row, which row will have the least strawberries?

Circle it.

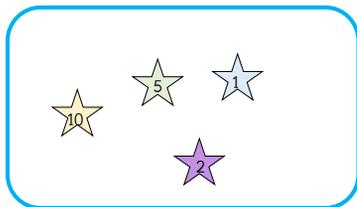


By how many?

16

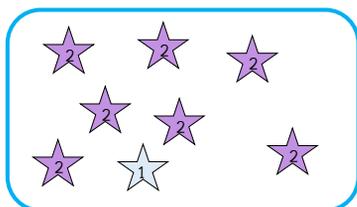
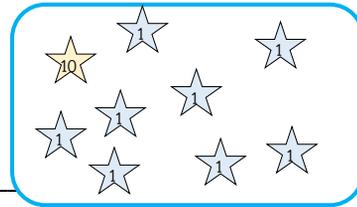
Each star has a value.

Use more than, less than or equal to to complete the sentences.



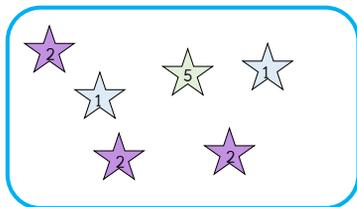
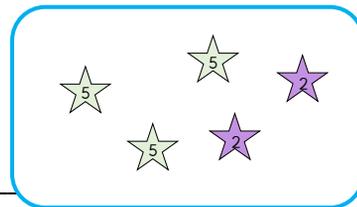
is

equal to



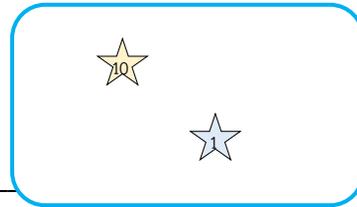
is

less than



is

greater than



Look at the children's objects. Can you add a comparison symbol to describe the row?
Can you make a number with a partner and describe who has the most and who has the least?



20



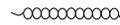
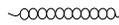
20



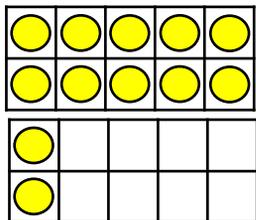
13



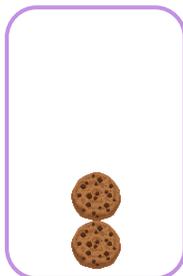
15



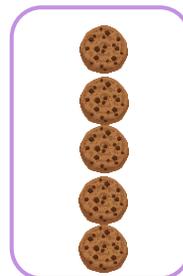
Which image is the odd one out?
Circle it and explain how you know.



How many cookies can go in the empty box?

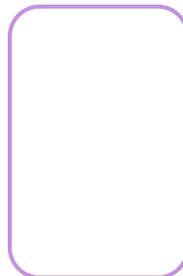


Least



Most

Can you make one for a friend to solve?

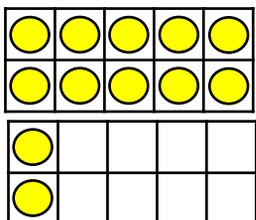


Least

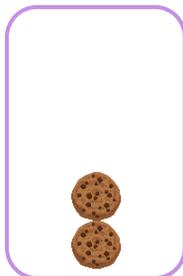


Most

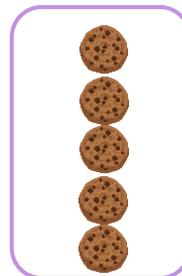
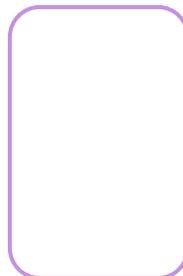
Which image is the odd one out?
Circle it and explain how you know.



How many cookies can go in the empty box?

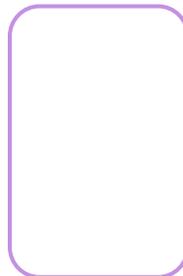


Least



Most

Can you make one for a friend to solve?



Least



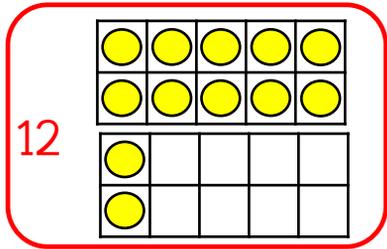
Most

Which image is the odd one out?
Circle it and explain how you know.

15



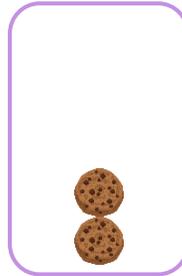
12



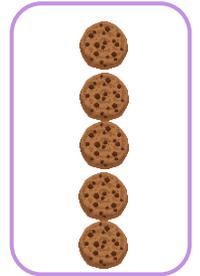
15



How many cookies can go in the empty box?



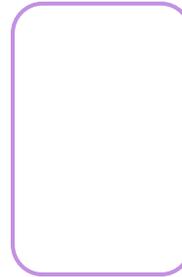
3 or 4

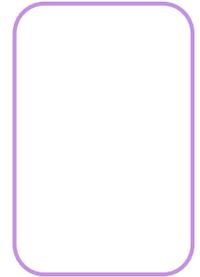


Least

Most

Can you make one for a friend to solve?





Least

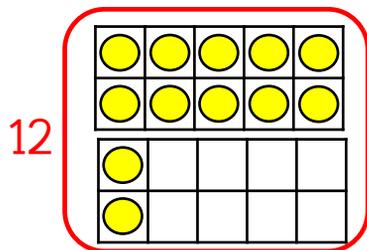
Most

Which image is the odd one out?
Circle it and explain how you know.

15



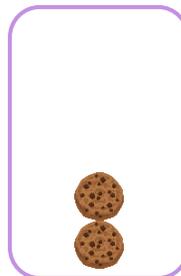
12



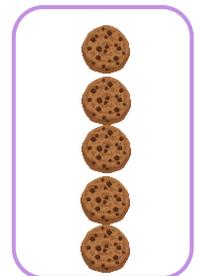
15



How many cookies can go in the empty box?



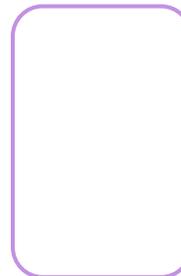
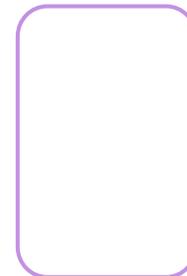
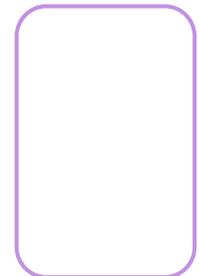
3 or 4



Least

Most

Can you make one for a friend to solve?

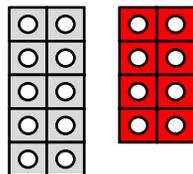
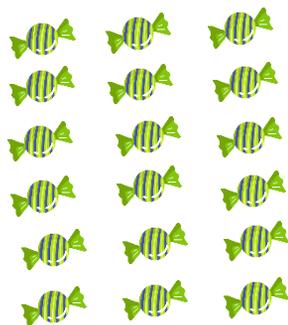
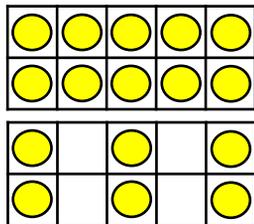




Least

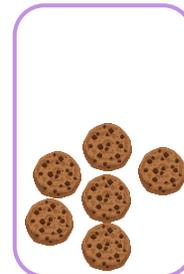
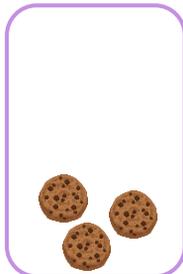
Most

Which image is the odd one out?

Circle it and explain how you know.



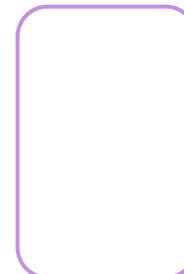
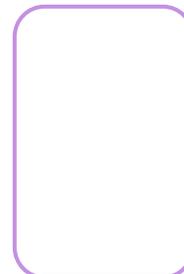
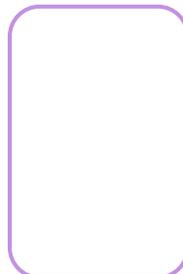
How many cookies can go in the empty box?



Least

Most

Can you make one for a friend to solve?

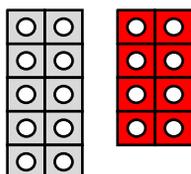
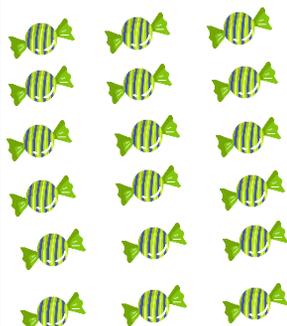
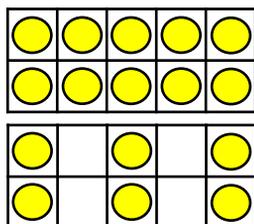


Least

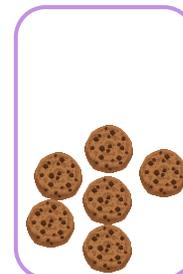
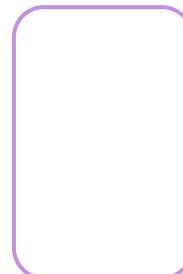
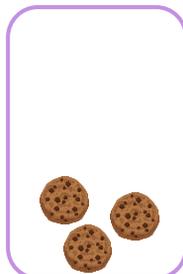
Most

Which image is the odd one out?

Circle it and explain how you know.



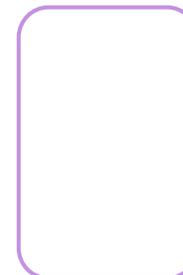
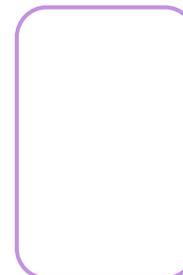
How many cookies can go in the empty box?



Least

Most

Can you make one for a friend to solve?



Least

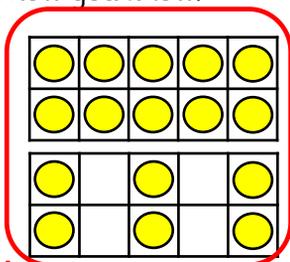
Most

Which image is the odd one out?

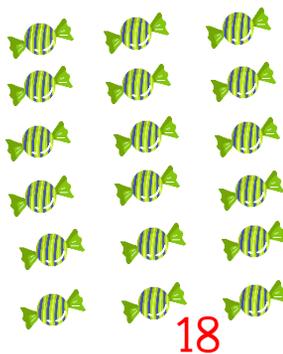
Circle it and explain how you know.



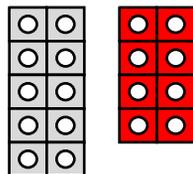
18



16



18

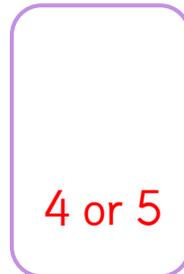


18

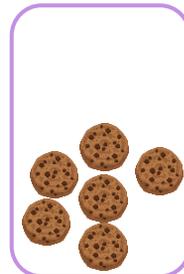
How many cookies can go in the empty box?



Least

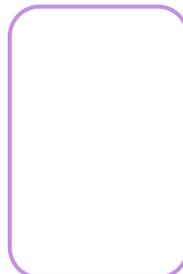


4 or 5

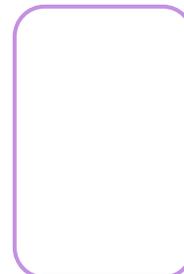


Most

Can you make one for a friend to solve?



Least



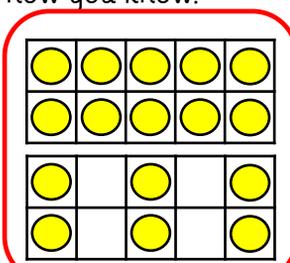
Most

Which image is the odd one out?

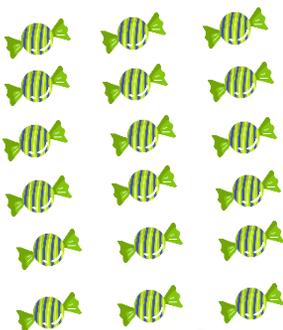
Circle it and explain how you know.



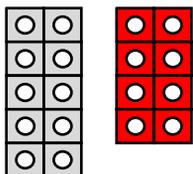
18



16

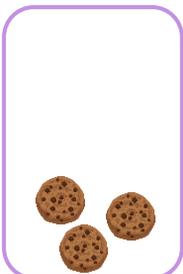


18



18

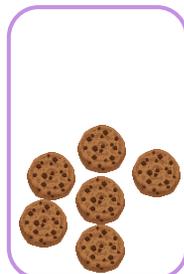
How many cookies can go in the empty box?



Least

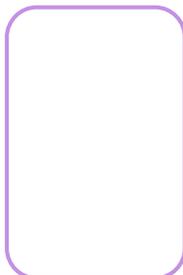


4 or 5



Most

Can you make one for a friend to solve?



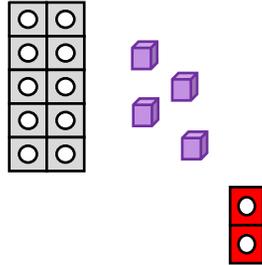
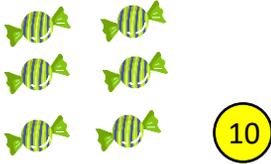
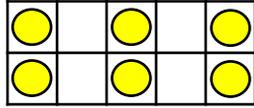
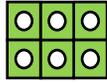
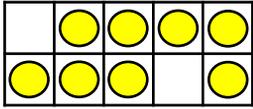
Least



Most

Which image is the odd one out?

Circle it and explain how you know.



How many cookies could be in the first and second box?

Least

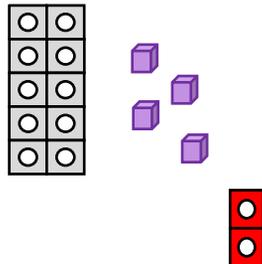
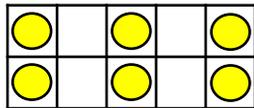
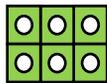
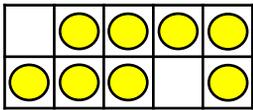
Most

Can you make one for a friend to solve?

Least
Most

Which image is the odd one out?

Circle it and explain how you know.



How many cookies could be in the first and second box?

Least

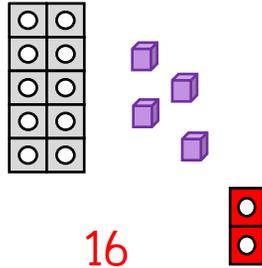
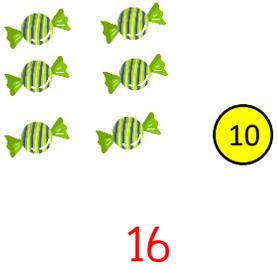
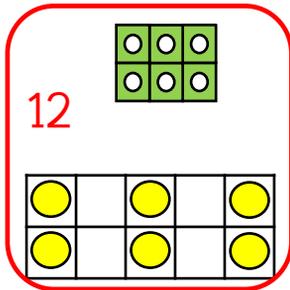
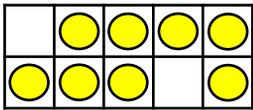
Most

Can you make one for a friend to solve?

Least
Most

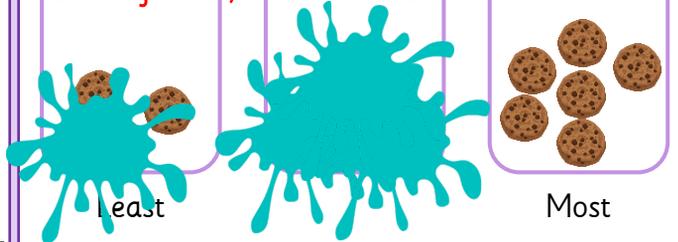
Which image is the odd one out?

Circle it and explain how you know.

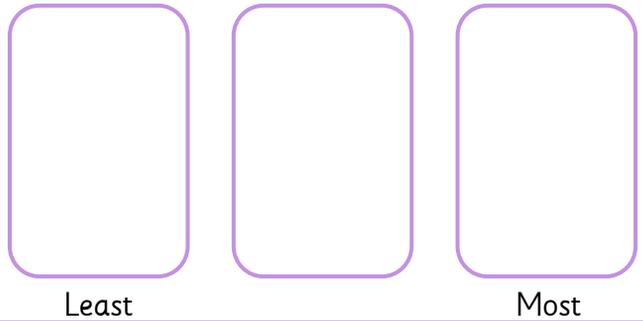


How many cookies could be in the first and second box?

Various answers
 2 in the first box, 3 – 5 in the second box
 3 in the first box, 4 – 5 in the second box

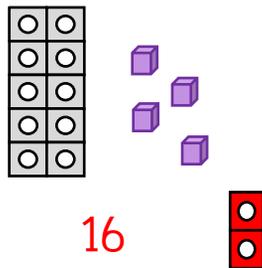
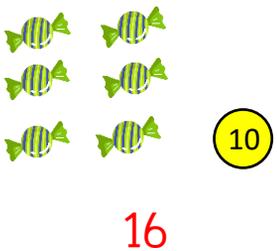
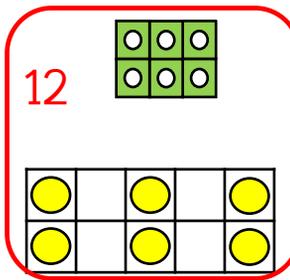
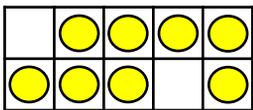


Can you make one for a friend to solve?



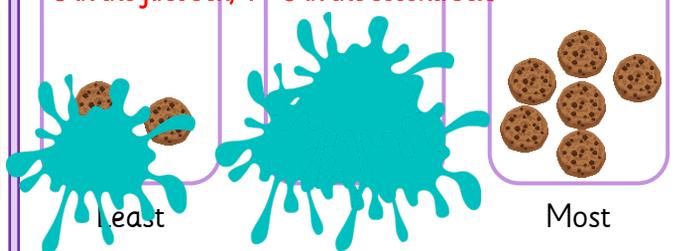
Which image is the odd one out?

Circle it and explain how you know.



How many cookies could be in the first and second box?

Various answers
 2 in the first box, 3 – 5 in the second box
 3 in the first box, 4 – 5 in the second box



Can you make one for a friend to solve?

