Patterning & Algebra

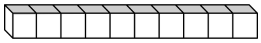
Grade 1

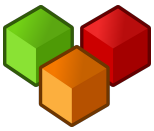
Diagnostic

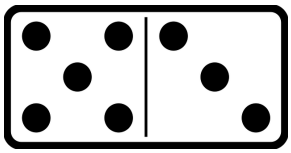
Name:

Diagnostic - checking to see what they already know	**Target Met**	**Still Progressing**
1. Create a set in which the number of objects is greater than, less than, or equal to the number of objects in a given set		
2. Demonstrate examples of equality, through investigation, using a “balance” model		
3. Determine, through investigation using a “balance” model and whole numbers to 10, the number of identical objects that must be added or subtracted to establish equality		

1. Look at the first set of objects below. Draw a set of objects in the second box to match the given term.

	is greater than	

	is less than	

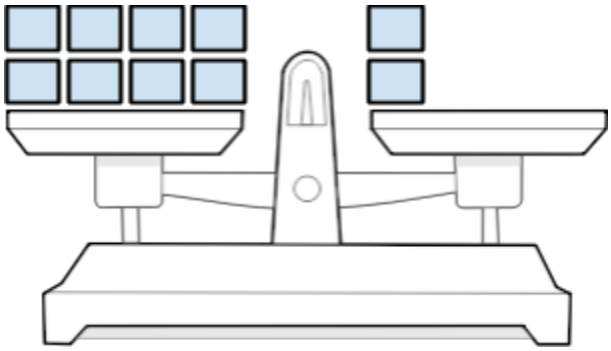
	is equal to	

2.

Question:
There are **13 balls** in a cart in the gym.
Some are **red** and some are **blue**.
How many might there be of **each colour**?

Show your work to prove your answer. Use pictures, numbers and words.

3. Draw more blocks, or take away some blocks, to make both sides equal.



How do you know that both sides are equal?