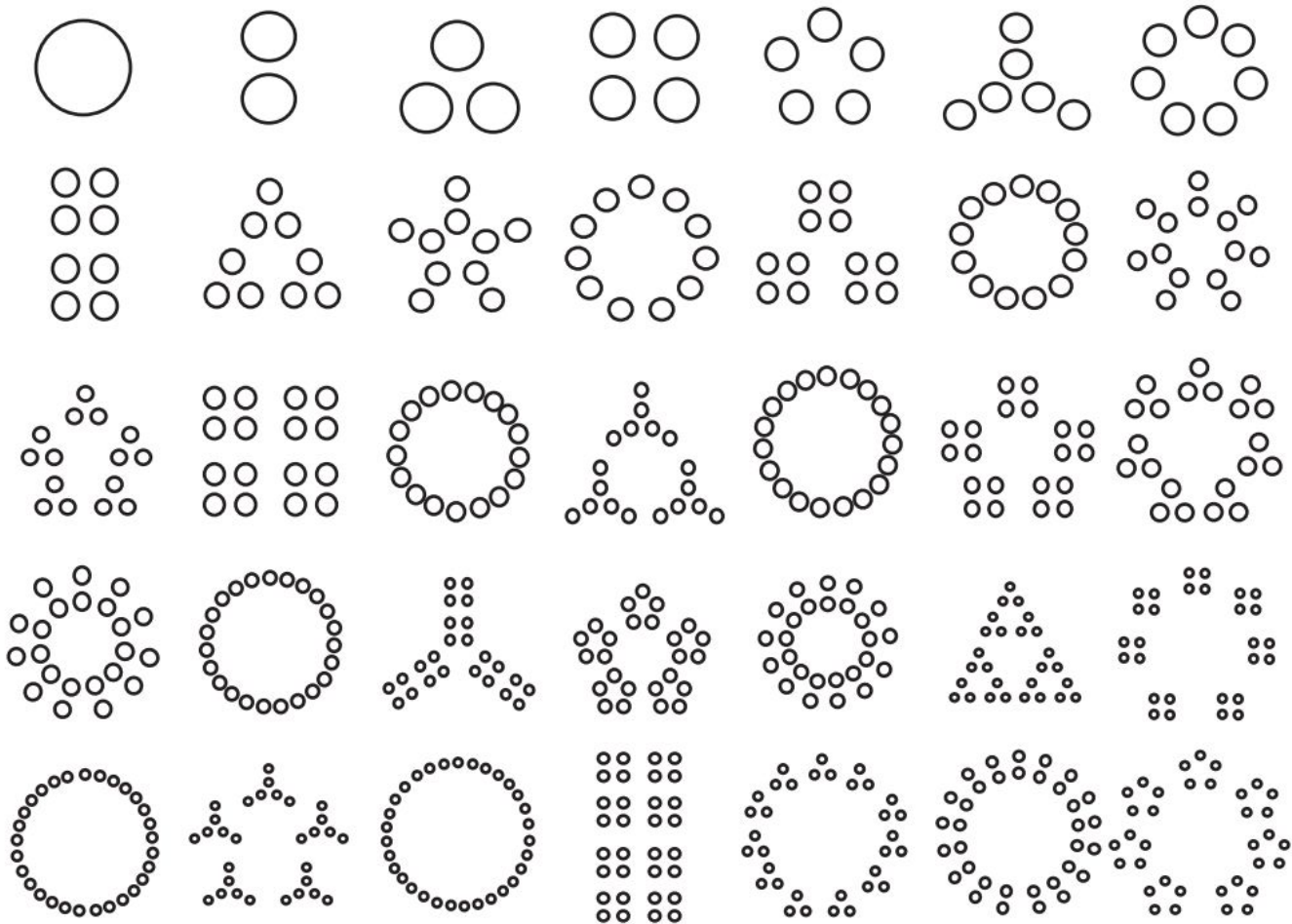


Please have
your orange
syllabus on
your desk!

Draw Number 45

Use your Number Visuals worksheet and the patterns you discovered yesterday to draw a visual for number 45.

Be prepared to explain your design choices.







A#4: Consecutive Numbers

11, 12, 13, 14, 15

The number 12 can be written as a sum of consecutive numbers, $3+4+5=12$

Another example of a consecutive number sum is 3 since $1+2=3$

A#4: Consecutive Numbers

Can ALL numbers be written as sums of consecutive numbers?

A#4: Consecutive Numbers

Can some consecutive number sums be written in more than one way? Can you find any?

A#4: Consecutive Numbers

Using the hundreds chart circle three numbers in a row (horizontally) and add them.

Try this with several sets of numbers. Do you see a pattern? Does your pattern work for every group of three consecutive numbers?

Write a convincing argument.

A#4: Consecutive Numbers

Using the hundreds chart circle four adjacent numbers to form a square. If you add the diagonals what do you think will happen?

Why does happen? Does this work for every group of numbers in this pattern? What do you wonder?

Write a convincing argument.