Y3/4 - How can the turtle make shapes?



- FD forwards.
- BK backwards
- LT left
- RT righł

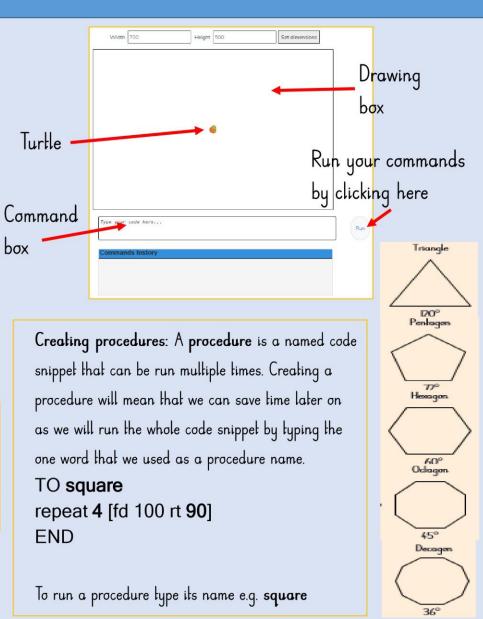
All of the above are followed by a space and then a number of steps. E.g. FD 50

- CS clear screen
- PU pen up
- PD pen down
- Home returns the turtle to the centre of the screen, pointing forwards.

Decomposing our task into smaller parts makes it easier to write instructions for. Breaking down into smaller parts means we can check that we have included all of the steps for our program

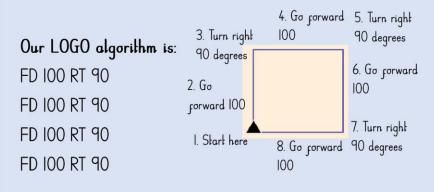


Scan the QR code to go to turtleacademy.com/playground



An **algorithm** is an ordered set of precise instructions. To make sure our **algorithm** is going to achieve the right outcome, it is a good idea to plan out each step.

- I. Mark your start position.
- 2. Include the directions, their lengths and any turns and degrees needed.
- 3. Number the instructions.



Repeat means 'to do or say something again.' We can use the repeat command in a count controlled loop so we don't have to write out the same command over again.

REPEAT 4 [FD 100 RT 90] What to repeat In square brackets []