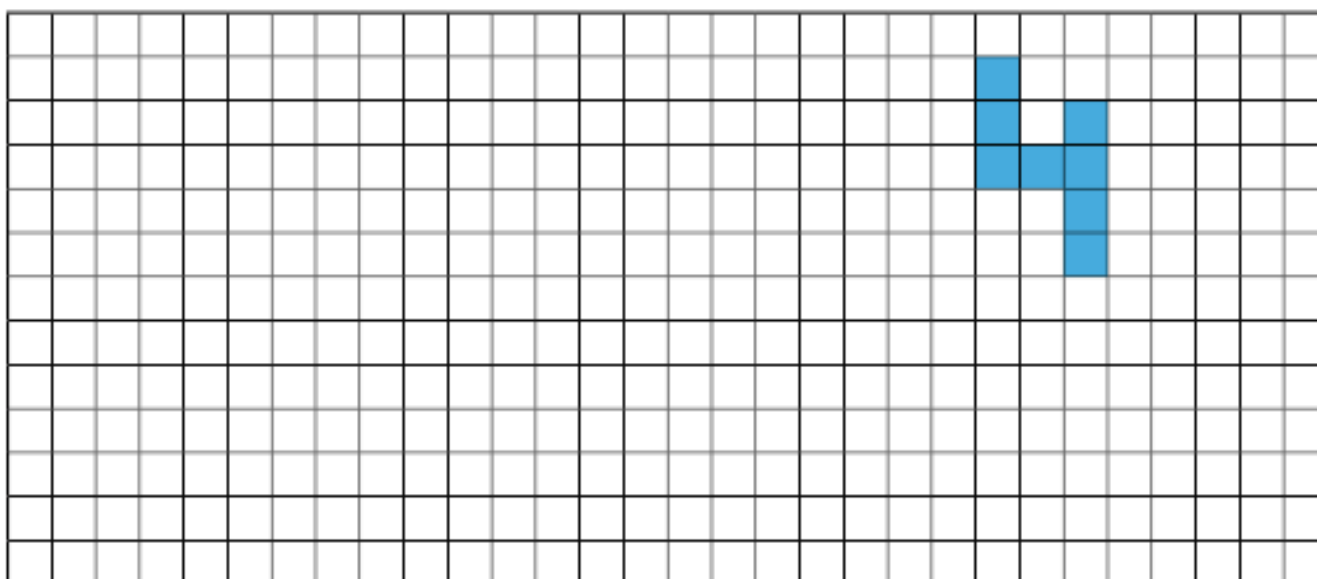


Area Investigation



- 1) Create the digits 0-9 using rectilinear shapes - making each digit 5 squares tall. Number 4 has been created for you. You may need to use some extra squared paper to investigate different possibilities.



- 2) Record the area of each digit in the table.

- a) Which digit has the greatest area?

- b) Which digit has the smallest area?

- c) Which digit's area is the same as the digit?

Digit	Area (Number of Squares)	Digit	Area (Number of Squares)
0		5	
1		6	
2		7	
3		8	
4		9	

- d) Make a 2-digit number that has an area of 19. How many different possibilities are there?

- e) Make a 3-digit number that has an area of 19. How many different possibilities are there?

