Animation Frame Worksheet with Coordinates

Unit 2, Lesson 2

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Frame No. _____

	0	1	2	3	4	5	6	7
0								
1								
2								
3								
4								
5								
6								
7								

Color	Variable name	RGB numbers	Color	Variable name	RGB numbers

```
# draw_line_silly.py
# uncomment the code after all pixels show up at the same time
from sense_hat import SenseHat
sense = SenseHat()

# import time

r = [255, 0, 0]
sense.clear()

sense.set_pixel(0,0,r)
# time.sleep(1)
sense.set_pixel(1,1,r)
# time.sleep(1)
sense.set_pixel(2,2,r)
# time.sleep(1)
sense.set_pixel(3,3,r)
# time.sleep(1)
sense.set_pixel(4,4,r)
# time.sleep(1)
sense.set_pixel(5,5,r)
# time.sleep(1)
sense.set_pixel(6,6,r)
# time.sleep(1)
sense.set_pixel(7,7,r)
# time.sleep(1)
```

Can you find a common pattern? What changes? What does not change?