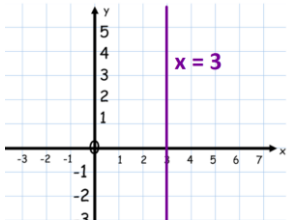
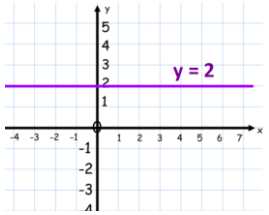
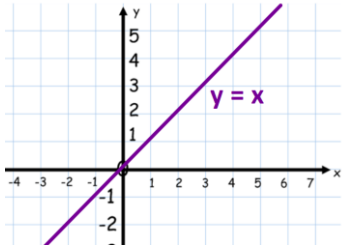
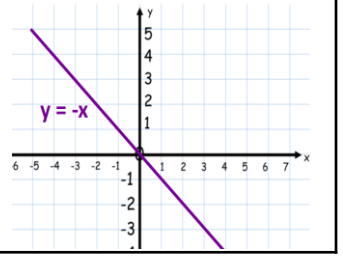
Equation of line	Horizontal/ vertical/ diagonal?	Sketch
x = ?	Vertical	Example 
y = ?	Horizontal	Example 
y = x	Diagonal	
y = -x	Diagonal	

Types of Number	
Square numbers (first 10)	1, 4, 9, 16, 25, 36, 49, 64, 81, 100
Cube numbers (first 10)	1, 8, 27, 64, 125, 216, 343, 512, 729, 1000
Prime numbers (first 10)	2, 3, 5, 7, 11, 13, 17, 19, 23, 29
Fibonacci sequence (first 10)	0, 1, 1, 2, 3, 5, 8, 13, 21, 34

Standard form	
Standard form	$a \times 10^n$
a	Between 1 and 10
n	An integer (whole number)
n is positive	Number is larger than 1
n is negative	Number is smaller than 1

Coordinates and linear graphs	
Formula for midpoint of (x_1, y_1) and (x_2, y_2)	$\left(\frac{x_1+x_2}{2}, \frac{y_1+y_2}{2}\right)$
Equation of a line	y = mx + c
m	gradient
c	y-intercept
Formula for gradient of line joining (x_1, y_1) and (x_2, y_2)	$\frac{y_2 - y_1}{x_2 - x_1}$
Parallel lines…	…have the same gradient