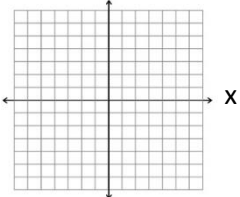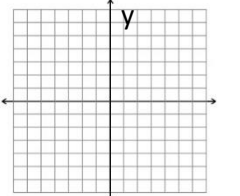|	What you should know before September	Resources in necessary	Websites and videos	Can you do this? (Tick when you can)
1	What do these symbols mean?	<, >, ≤, ≥	https://www.bbc.co.uk/bitesize/guides/z9ck7ty/revision/1	
2	Spellings and definitions of mathematical words	Denominator, numerator, percentage, fraction, decimal, place value, sequence, equation, negative, positive, division, multiplication, addition, subtraction	https://www.mathsisfun.com/definitions/	
3	Equivalent FDPs	1%, 5%, 10%, 20% 25% 50% 75% 100%	https://www.youtube.com/watch?v=XTri2ZTH_HA	
4	Times tables up to 12x12	Create a times table grid	https://www.youtube.com/watch?v=C3PojOwjHcc	
5	Order of operations	Rudimentary knowledge of this e.g. BODMAS	https://www.youtube.com/watch?v=dAgfnK528RA	
6	X axis is horizontal		https://www.youtube.com/watch?v=Tfm49rgvvDU	
7	Y axis is vertical		https://www.youtube.com/watch?v=Tfm49rgvvDU	
8	Percentage of an amount	Finding 1%,5%,10%, 25% and 50% to make other amounts	https://www.bbc.co.uk/bitesize/topics/znjqtfr/articles/zcfyw6f	
9	Fraction addition and subtraction	Common denominators	https://www.bbc.co.uk/bitesize/topics/zhdwxnb/articles/z9n4k7h	
10	Fraction Multiplication	Multiply then simplify	https://www.bbc.co.uk/bitesize/topics/zhdwxnb/articles/z8fyv4j	
11	Area of 2D shapes	Rectangle, triangle, square, trapezium, parallelogram, rhombus	https://www.bbc.co.uk/bitesize/topics/zjbg87h	
12	Perimeter of 2D shapes	Same as above	https://www.bbc.co.uk/bitesize/topics/zvmxsbk/articles/zsr4k7h	
13	Types of number	Prime, square, cube, triangular, factors and multiples.	https://www.bbc.co.uk/bitesize/guides/zp6p34j/revision/1 https://www.youtube.com/watch?v=go2BbLPOZj4	
14	Averages	Mean, median, mode and range	https://www.bbc.co.uk/bitesize/topics/zm49q6f	
15	Adding and subtracting decimals	Column method, ensuring that each number is in the correct place value column and the decimal point is in place	https://www.bbc.co.uk/bitesize/guides/z27xsbk/video	
16	Plotting co-ordinates	(x,y) x (horizontal) co-ordinate first followed by y (verticle) co-ordinate	https://corbettmaths.com/2013/04/15/coordinates/	
17	Reading co-ordinates	Reading the x (horizontal) co-ordinate first followed by y (verticle) co-ordinate	https://www.bbc.co.uk/bitesize/topics/zgthvcw/articles/z96k9qt	