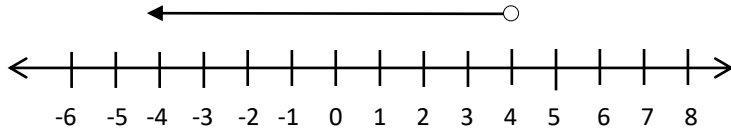
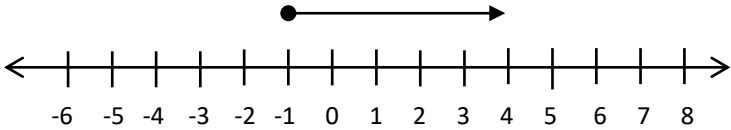
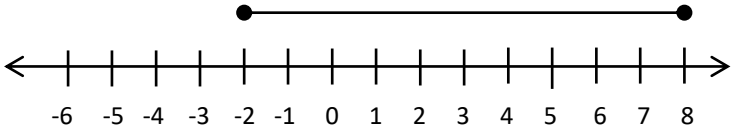

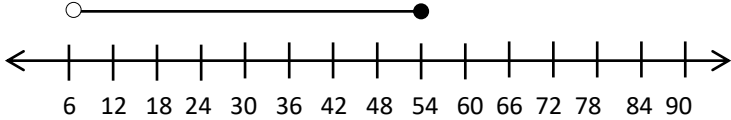


Inequalities on a Number Line Mark Scheme:		
1(a)	$x = -1$	[1]
1(b)	$x > -2$	[1]
1(c)	$x < 3$	[1]
2(a)	$x \geq -5$	[2] 1 mark for greater than or equal. 1 mark for -5
2(b)	$x < 7$	[2] 1 mark for less than. (NOT EQUAL). 1 mark for 7
2(c)	$x \leq -1$	[2] 1 mark for less than or equal. 1 mark for -1
3(a)	$-6 \leq x \leq 6$	[2] 1 mark for correct inequality. 1 mark for correct numbers.
3(b)	$-1 \leq x < 7$	[2] 1 mark for correct inequality. 1 mark for correct numbers.
3(c)	$-4 < x < 4$	[2] 1 mark for correct inequality. 1 mark for correct numbers.
4(a)		
	Shown above	[2] 1 mark for circle. 1 for number
4(b)		
	Shown above	[2] 1 mark for circle. 1 for number
4(c)		
	Shown above	[2] 1 mark for circle. 1 for number

Turn over ►

5		
	Appropriate scale	[1]
	Correct inequality	[1]
6(a)	$b < 6$	[1]
	$b \leq 54$	[1]
	$6 < b \leq 54$	[1] Final answer receives all 3
6(b)		
	Shown above	[2] 1 mark for Correct numbers. 1 mark correct inequalities.
END		