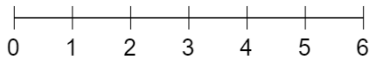Algebra Revision			1
(a)	**(b)**	**(c)**	**(d)**
Simplify $5x - 2x$	Simplify $5a \times 6b$	Solve $8x = 48$	Here are the first four terms in a sequence. $5, 9, 13, 17, ..$ (i) Write down the next term in the sequence. (ii) Explain how you got your answer.
(e)	**(f)**	**(g)**	
Solve $y + 8 = 5$	Find the value of $x^2 + 13$ when $x = -3$	Expand $5(x - 7)$	
(h)	**(i)**	**(j)**	**(k)**
Simplify $2x + 6x - y - 3y$	$v = u + at$ Find the value of v when $u = 20$, $a = -5$ and $t = 2.5$	Simplify $p^5 \times p^7$	The cost C in pounds of a taxi journey is calculated using the formula: $C = 3.5 + 1.2d$ where d is the distance in km. (i) Find the cost of a journey of $12\ km$. (ii) A taxi journey costs $£10.10$. Work out the distance travelled.
(l)	**(m)**	**(n)**	
Solve $3x - 7 = 11$	Factorise $12 + 3x$	Represent $x < 2$ on the number line below.