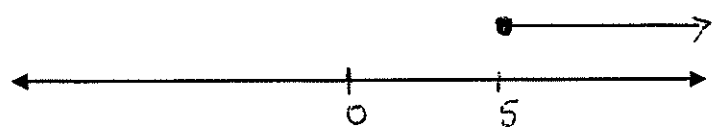
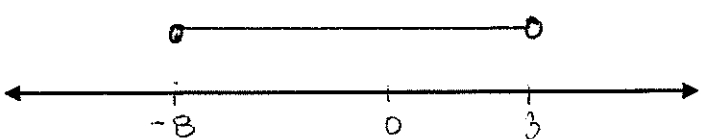
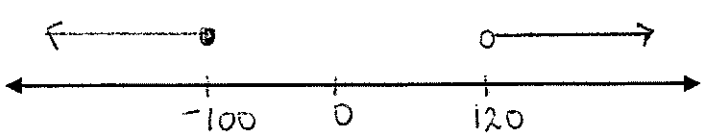
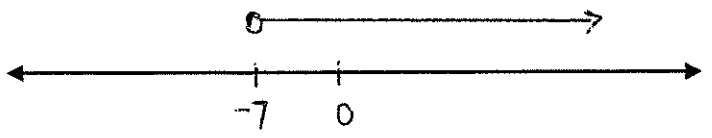
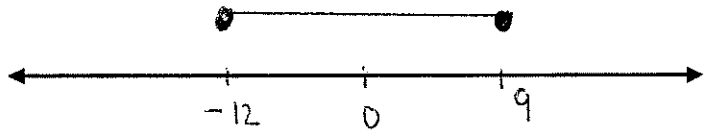
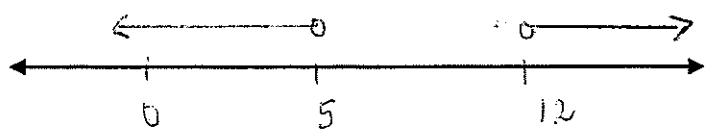
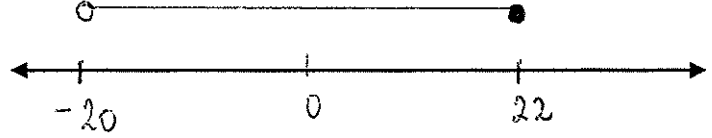

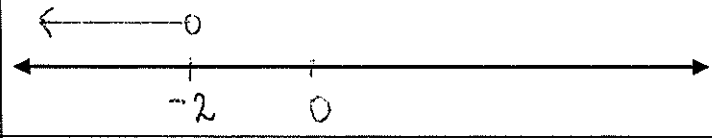
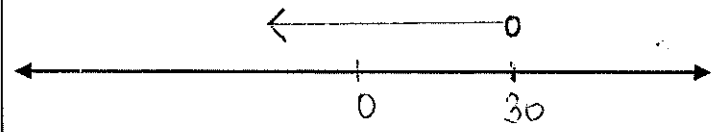


Linear Inequalities on One Variable – Review

1. Graph the given inequalities.

1	$-8 < x \leq 15$	
2	$18 < -3x < 21$ $-6 > x > -7$	
3	$2x \leq -4$ $x \leq -2$	
4	$16 \leq -x$ $-16 \geq x$	
5	$x \leq 24 \text{ or } 68 < 2x$ $34 < x$	
6	$8x - 7 \geq 3x + 5 + 3x$ $8x - 7 \geq 6x + 5$ $2x \geq 12$ $x \geq 6$	
7	$-x - 7 > 3x - 16 - 4x$ $-x - 7 > -x - 16$ $0 > -9$	
8	$-1000 \geq 2x$ $x \leq -500$	

2. Write each inequality graphed on the number line.

1		$x \geq 5$
2		$-8 \leq x < 3$
3		$x \leq -100$ or $x > 120$
4		$x > -7$
5		$-12 \leq x \leq 9$
6		$x < 5$ or $x > 12$
7		$-20 < x \leq 22$
8		$x \leq 50$
9		$x < -2$
10		$x < 30$