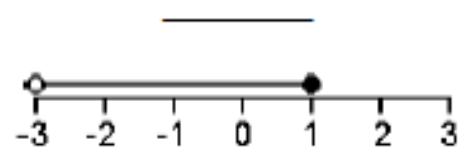
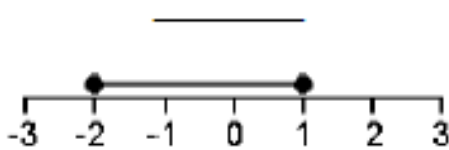
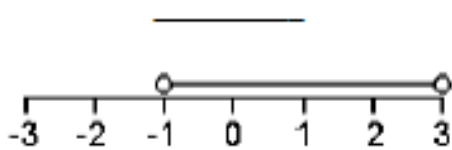
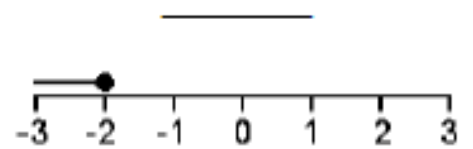
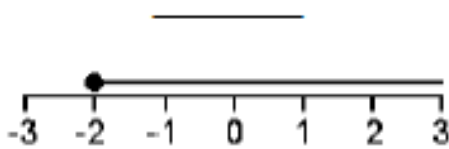
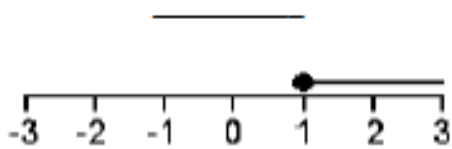
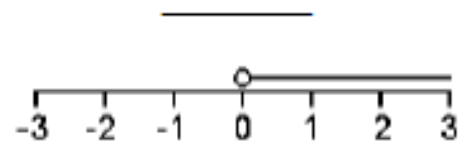
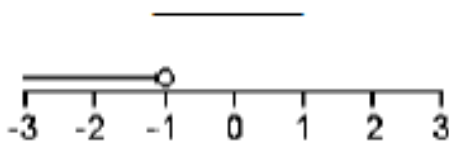
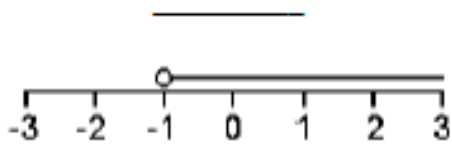


# Number Lines



**Section A:** Write down the inequality shown on the number line using the variable  $x$ .

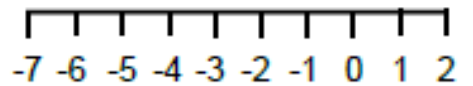
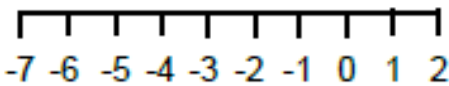
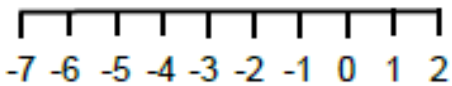


**Section B:** Illustrate each inequality on the number line.

$$x \leq -3$$

$$x > 1$$

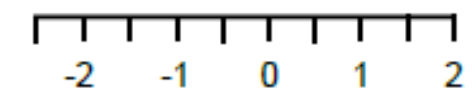
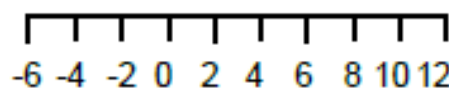
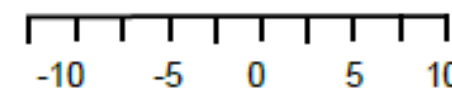
$$x \geq -5$$



$$-5 \leq x < 7.5$$

$$-6 < x \leq -2$$

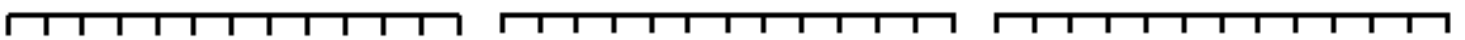
$$-2.5 \leq x \leq -0.5$$



$$x \leq -3$$

$$-20 \leq x < 80$$

$$-0.5 < x < 0.7$$



## Extension

Write down all the whole numbers or prime numbers which satisfy the inequalities.

Inequality	Whole numbers
$-1 \leq x < 3$	
$-22 \leq x \leq -19$	
$99 < x < 101$	
$0.8 < x < 6.9$	

Inequality	Prime numbers
$2 \leq x < 13$	
$41 < x < 53$	
$0 < 2x < 14$	
$-22 \leq 1 - x < -16$	