

## INEQUALITIES IN DIFFERENT FORMS

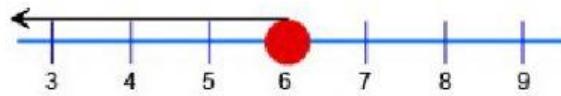
Can you recognise the same inequality expressed in different forms: words, number line graphs or using algebraic symbols?

## TASK 1

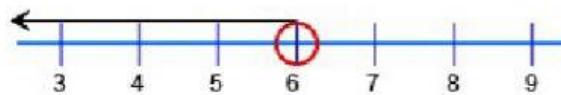
## Match an inequality with its graph

Draw a line from each linear inequality to its matching number line graph.

a  $3m > 18$



b  $\frac{y}{2} \leqslant 3$



c  $p - 2 \geqslant 4$



d  $z + 4 < 10$



## TASK 2

## Drag the inequality to the correct number line graph

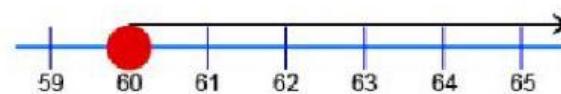
$y \geqslant 60$  OR  $60 \leqslant y$

$y \leqslant -1$  OR  $-1 \geqslant y$

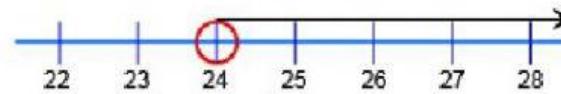
$y > 24$  OR  $24 < y$

$y < 0$  OR  $0 > y$

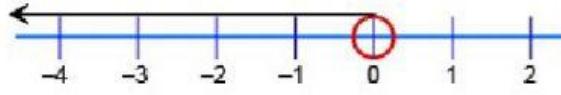
a



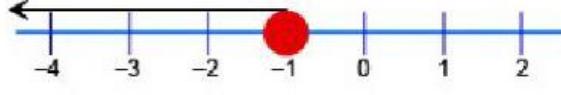

b




c




d




## TASK 3

## Match a statement to a linear inequality

Draw a line from the linear inequality to its matching statement in words.

a  $q > 18$

One quarter of a number is less than or equal to 18.

b  $\frac{v}{4} \leqslant 18$

Five less than a number is greater than or equal to 18.

c  $h - 5 \geqslant 18$

A certain number is greater than 18.