

CHAPTER 7 : LINEAR INEQUALITIES

NAME :

CLASS :



1. Represent each of the following inequalities on a number line.

a) $x > 2$ ● → ○ →	b) $x \geq -4$ ● → ○ →
c) $x < -1$ ← ● ← ○	d) $x \leq 3$ ← ● ← ○

2. By using the symbol “>” or “<”, complete the following to show the correct relationship.

5 4	-12 -15	-10 0
-26 -24	-5 5	-77 -76

3. Given that x is an integer, write down the possible values of x in each of the following.

$x < 15$

$x \geq -21$

$y > -5$

$y \leq 4$