

Worksheet 8

1. Represent the following inequalities in number line and interval notation.

(a) $-2 \leq x < 7$

(b) $0 < x < 8$

(c) $x \geq -9$

(d) $x < 5$

2. Represent the following interval notation in number line and inequalities.

(a) $[3, 8)$

(b) $(-\infty, -5)$

(c) $[6, \infty)$

(d) $(4, 7)$ or $[9, \infty]$