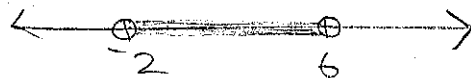
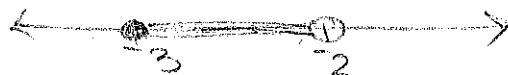


8.2 Intervals

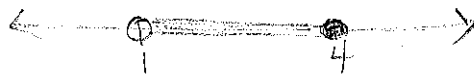
1. a) $(-2, 6)$ $\{x \mid -2 < x < 6\}$



b) $[-3, -2)$ $\{x \mid -3 \leq x < -2\}$



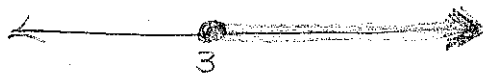
c) $(1, 4]$ $\{x \mid 1 < x \leq 4\}$



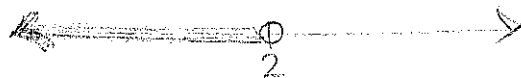
d) $[-2, 1.5]$ $\{x \mid -2 \leq x \leq 1.5\}$



e) $[3, \infty)$ $\{x \mid x \geq 3\}$



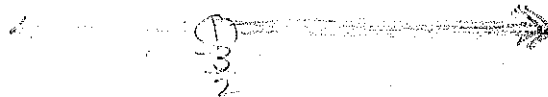
f) $(-\infty, 2)$ $\{x \mid x < 2\}$



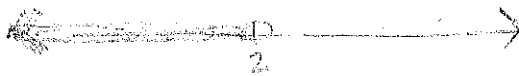
g) $(-\infty, 1]$ $\{x \mid x \leq 1\}$



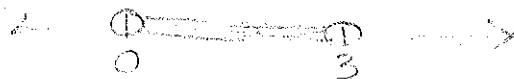
h) $(-\frac{3}{2}, \infty)$ $\{x \mid x > -\frac{3}{2}\}$



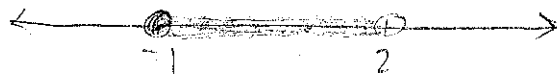
2. a) $x < 2$ $(-\infty, 2)$



b) $0 < x < 3$ $(0, 3)$



c) $-1 \leq x < 2$ $[-1, 2)$

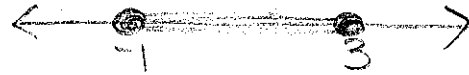


8.2 cont.

2. d) $x > 1$ $(1, \infty)$



e) $-1 \leq x \leq 3$ $[-1, 3]$



f) $x \leq -1$ $(-\infty, -1]$

