

Written assignments
to hand in.

Sec P2 50, 56, 70
Due Friday 9/11

Sec P3 14, 32
Due Monday 9/14

Discussion Problems
From the department syllabus
These are not to hand in.

Section P3

exercises from P2

(49) Describe interval $[2, 8)$ using inequalities.

$$2 \leq x < 8$$

(58) Describe $-5 < x < 2$ using interval notation and then graph it.

$(-5, 2)$ interval notation

geometric picture



Remember

$$|x| = \begin{cases} x & \text{if } x \geq 0 \\ -x & \text{if } x < 0 \end{cases}$$

69

$$|6 - 4| = |6 - 4| = |2| = 2$$

6

$$\frac{-1}{|-1|} = \frac{-1}{1} = -1$$