HOME WORK 1

QI WANG

Exercise 1 (# 2)

$$\{..., -4, -1, 2, 5, 8, ...\}$$

Exercise 2 (# 8)

$$\{0, -2, -3\}$$

Exercise 3 (# 18)

$$\{\ x^2 : x = 2n\ \ where\ n \in \mathbb{Z}_{\geq 0}\ \}$$
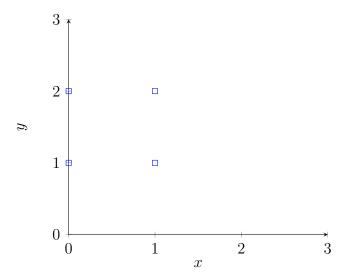
Exercise 4 (# 30)

$$5.$$

Exercise 5 (# 38)

$$5x \leq 20$$
$$x \leq 4$$
$$x = 1, 2, 3, 4$$
$$\{1, 2, 3, 4\}$$
$$cardinality = 4$$

Exercise 6 (# 40)