1. Write an enumeration of the members of set

$$\left\{x \right| x \in Z ˄ x \geq 0 ˄ x> x^{2}-5\}$$

1. Give an enumeration of the members of each of the following sets.
	1. $\left\{1,3,5,6\right\}∪\{2,3,5,9\}$
	2. $\left\{1,3,5,6\right\}∩\{2,3,5,9\}$
	3. $\left\{1,3,5,6\right\}-\{2,3,5,9\}$
2. True or false?
	1. $\left\{2,4,6\right\} ⊆ \{2,4,6,8\}$
	2. $\left\{2,4,6\right\} \in \{2,4,6,8\}$
	3. $S-S=\{\}$ for every set $S$.
	4. $2 \in \{2\}$.
	5. $\{\} \in \{\}$.
	6. $\{\}⊆\{\}$.
	7. The empty set is a language
	8. Every language is finite.
	9. Every alphabet is finite.
	10. A string can be infinitely long
	11. Some languages contain the empty string.
	12. Every language contains the empty string.
	13. A nonempty set of languages is not a language.