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Class - Quarter - Assignment - Due Date

(1) Determine the invertible elements of the monoids among the examples in 1.2.

- A) For the monoid $(\mathbb{N}_0, +)$ the only invertible element will be 0 since we see $0 + 0 = 0$
  For $(\mathbb{N}_0, \cdot)$ we see the only invertible element will be 1 since we can see $1 \cdot 1 = 0$

- B) For the monoid $(\mathcal{P}(X), \cup)$ we can see the set of