**Module 6 Week 3 Exercise 17**

* + 1. If a transformer has a power rating of 500 kVA, how many volts and amps can it handle?
    2. A transformer is rated at 750 VA. Convert this rating to kVA.
    3. A single-phase transformer has a power rating of 10 kVA and a voltage rating of 240 volts. Calculate the rated current.
    4. A transformer has a voltage ratio of 1:4. If the primary voltage is 240 volts, calculate the secondary voltage.
    5. Given a current ratio of 1:3 for a transformer, if the primary current is 5 amps, calculate the secondary current.
    6. A single-phase transformer has a secondary voltage and current of 240V and 62.5A respectively. Calculate the size of the transformer.