I. a.

$$2 = \frac{5 + A}{3 + i}$$

$$2 = \frac{10}{3+\overline{1}} \times \frac{3-\overline{1}}{3-\overline{1}}$$

$$Z = \frac{30 - 10i}{3^2 + 1^2}$$

$$Z = \frac{30 - \omega i}{10}$$

$$Z_2 = 2 - i$$

$$Z = (3+6i+2-i)^{5+5}$$

$$2 = \left[5\left(1+i\right)\right]^{10}$$

$$Z = 5^{10} \left[\left(1 + 1 \right)^2 \right]^5$$