

$$4) i) A = \frac{9+4}{5+8} = \frac{13}{13} = 1, \text{ e } \phi w = 1 \text{ para } w = 45^\circ$$

$$ii) A = \frac{-2-7}{5-5} = \cancel{7} \text{ para } w = 90^\circ$$

$$iii) A = \frac{7-7}{5-3} = 0, \text{ e } \phi w = 0 \text{ para } w = 0^\circ$$

$$5) i) A = 1 \Rightarrow \text{e } \phi w = 1 \Rightarrow w = 45^\circ$$

$$ii) A = -1 \Rightarrow \text{e } \phi w = -1 \Rightarrow w = 135^\circ$$

$$iii) A = \sqrt{3} \Rightarrow \text{e } \phi w = \sqrt{3} \Rightarrow w = 60^\circ$$

$$iv) A = 0 \Rightarrow \text{e } \phi w = 0 \Rightarrow w = 0^\circ$$

$$v) A = -\frac{\sqrt{3}}{3} \Rightarrow \text{e } \phi w = -\frac{\sqrt{3}}{3} \Rightarrow w = (180 - 30) = 150^\circ$$

$$6) i) A = 1 \Rightarrow \text{e } \phi w = 1 \Rightarrow w = 45^\circ$$

$$ii) A = \sqrt{3} \Rightarrow \text{e } \phi w = \sqrt{3} \Rightarrow w = 60^\circ$$

$$iii) A = -1 \Rightarrow \text{e } \phi w = -1 \Rightarrow w = 135^\circ$$

$$iv) A = 0 \Rightarrow \text{e } \phi w = 0 \Rightarrow w = 0^\circ$$

$$v) A = 0 \Rightarrow \text{e } \phi w = 0 \Rightarrow w = 0^\circ$$

$$vi) x = 0 \Rightarrow w = 90^\circ$$

$$vii) x = -\frac{\sqrt{3}}{3} \Rightarrow w = 90^\circ$$

$$7) i) A = \frac{7-5}{4-2} = \frac{2}{2} = 1, \text{ e } \phi w = 1 \text{ para } w = 45^\circ$$

$$ii) A = \frac{0-\sqrt{3}}{1-1} = -\sqrt{3} \Rightarrow \text{e } \phi w = -\sqrt{3} \text{ para } w = (180 - 60) = 120^\circ$$