

$$1) (3 - j2) + (-2 + j4) =$$

$$2) (-1 - j0) - (4 - j2) =$$

$$3) 4 \operatorname{arg} 20^\circ + 4 \operatorname{arg} 12^\circ =$$

$$4) 5e^{j\pi} - 2e^{j\pi} =$$

$$5) (3 - j2) \cdot (-2 + j4) =$$

$$6) -10 \operatorname{arg} (-\pi) \cdot 2 \operatorname{arg} \left(\frac{\pi}{4}\right) =$$

$$7) \frac{(6 - j2)}{2} =$$

$$8) \frac{12e^{j45^\circ}}{3e^{-j45^\circ}} =$$

$$9) \frac{-10 \operatorname{arg} (-\pi)}{2 \operatorname{arg} \left(\frac{\pi}{2}\right)} =$$

$$10) 120e^{j45^\circ} =$$