Chapter 9, Solution 18.

(a) $v_1(t) =$ **60 cos(t + 15°)**

(b) $\mathbf{V}_2 = 6 + j8 = 10\angle 53.13°$
        $v_2(t) =$ **10 cos(40t + 53.13°)**

(c) $i_1(t) =$ **2.8 cos(377t – π/3)**

(d) $\mathbf{I}_2 = -0.5 - j1.2 = 1.3\angle 247.4°$
        $i_2(t) =$ **1.3 cos(10³t + 247.4°)**