P1 Sketch the following equations

 a. u(t-2) + u(t+2), for -3 ≤ t ≤ 3

 b. r(t) – r(t-3) + 4 u(t-5) – 8 u(t-8), for -1 ≤ t ≤ 9

P2 Express the following as sums of shifted and scaled u(t) and r(t)

(a)   (b)
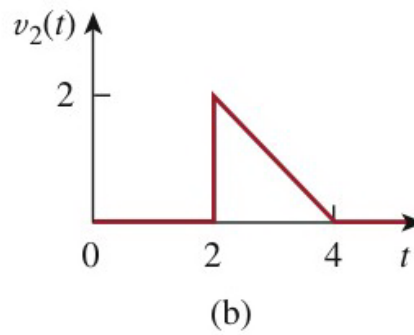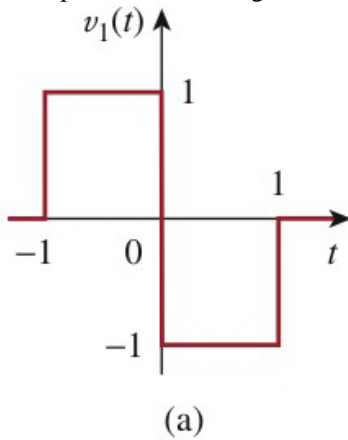
P3 Find v(t) for t≥0 in the circuit below. Hint: The only numeric numbers are two integers each between 15 and 25.