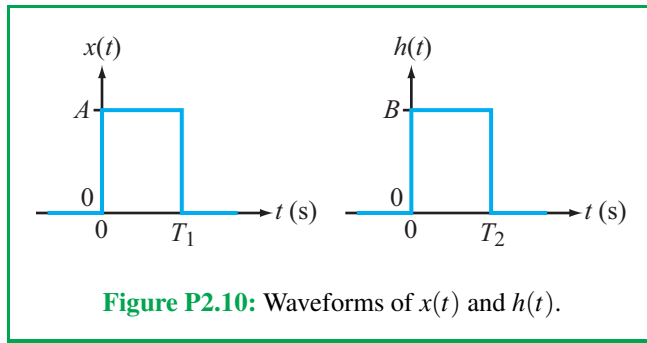


Problem 2.10 Functions $x(t)$ and $h(t)$ are both rectangular pulses, as shown in Fig. P2.10. Apply graphical convolution to determine $y(t) = x(t) * h(t)$ for:

- (a) $A = 1, B = 1, T_1 = 2 \text{ s}, T_2 = 4 \text{ s}$
- (b) $A = 2, B = 1, T_1 = 4 \text{ s}, T_2 = 2 \text{ s}$
- (c) $A = 1, B = 2, T_1 = 4 \text{ s}, T_2 = 2 \text{ s}$.



Solution:

(c)

