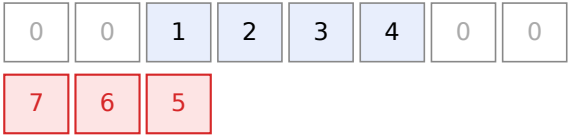
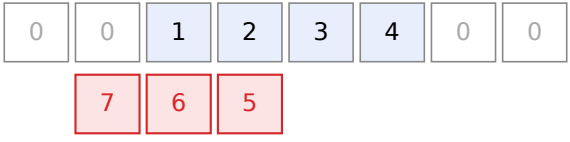
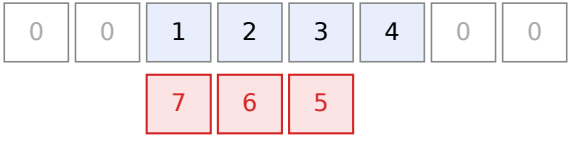
x = [1 2 3 4] (blue), w = [5 6 7] flipped and dragged (red); z = [5 16 34 52 45 28]



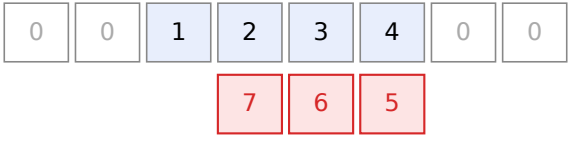
$z_0 = x_0 w_0 = 5$



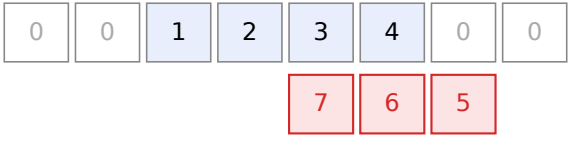
$z_1 = x_1 w_0 + x_0 w_1 = 16$



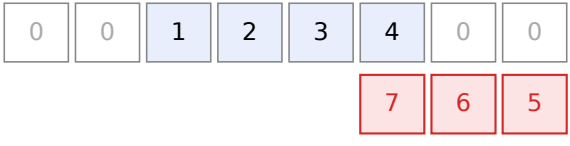
$z_2 = x_2 w_0 + x_1 w_1 + x_0 w_2 = 34$



$z_3 = x_3 w_0 + x_2 w_1 + x_1 w_2 = 52$



$z_4 = x_3 w_1 + x_2 w_2 = 45$



$z_5 = x_3 w_2 = 28$