

An FIR filter has impulse response

$$h[n] = \{1, 1, 2, 2\}$$

\uparrow
 $n = 0$

The input to the filter is

$$x[n] = \{4, -2, 2\}$$

\uparrow
 $n = 0$

- Find the filter output $y[n]$

	$h[k]$	<div style="display: flex; justify-content: space-around; height: 25px; border: 1px solid black; background-color: #e0e0e0;"></div>	
			$y[n]$
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