

## Rod Cutting Example

Length	0	1	2	3	4	5
$p_i$	0	3	5	10	12	14
$r_i$						
$s_i$						

$$r(j) = \begin{cases} 0 & \text{for } j=0 \\ \max_{1 \leq i \leq j} (r(i) + r(j-i)) & \text{for } j > 0 \end{cases}$$