

Eric Chan

Rod Cutting

b)

length	1	2	3	4	5	6	7	8	9
price	1	3	9	9	10	15	21	25	26

Density: 1 1.5 3 2.25 2 2.5 3 3.13 2.8

Given a rod of length 10. Greedy solution would pick rod of length 8, then 2 which yields 28.

Optimal solution would be to pick rods of length 7 and 3 yielding 30.

