

Day 112

1. One single bacteria lands on a kitchen counter. It divides into two parts every 5 minutes.
Fill out the chart below to show how many bacteria are on the counter:

# of 5 minute periods	0	1	2	3	4	5	6	7	8	9	10	11
# of bacteria	1											

- a) How many 5-minute periods are there in one hour?
- b) How many bacteria are on the counter after one hour?

Answer Key
Day 112

# of 5 minute periods	0	1	2	3	4	5	6	7	8	9	10	11
# of bacteria	1	2	4	8	16	32	64	128	256	512	1024	2048

a) 12

b) 4096