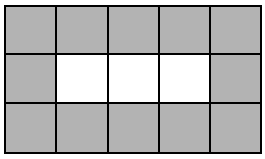
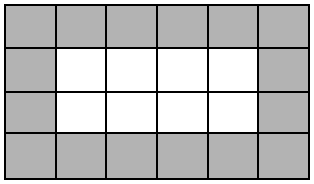
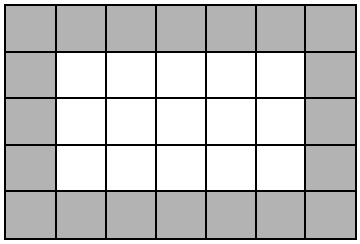
Pool Tiling

1A) How many (shaded) tiles will there be on Day 4 in the growth pattern below?
1B) How many (shaded) tiles will there be on Day 10 in the growth pattern below?
1C) How many (shaded) tiles will there be on Day D in the growth pattern below?
1D) Connect your expression of the number of tiles on Day D back to the tile pattern. Can you find each number you used in your expression somewhere in the picture?

Day 1:



Day 2:



Day 3: