


COUNTDOWN

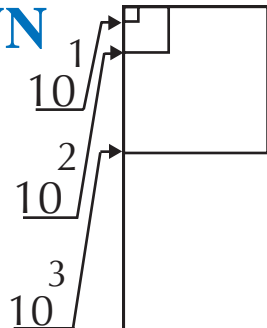
Challenge

**HOW
BIG
IS A
MILLION?**

Pointillism is the technique of painting a picture using dots. The Grande Jatte, by George Seurat, is a famous example of this technique. You can see it at the Chicago Art Institute.

This artistic technique can help us understand large numbers. See for yourself. Create a picture using dots. Use one of the squares on the right and the table below as guides. If your dots are this size...  it will take approximately 100,000 dots to fill the largest square.

Exponent #	Standard #
$10^0 =$	1
$10^1 =$	10
$10^2 =$	100
$10^3 =$	1,000
$10^4 =$	10,000
$10^5 =$	100,000
$10^6 =$	1,000,000



4
10

5
10