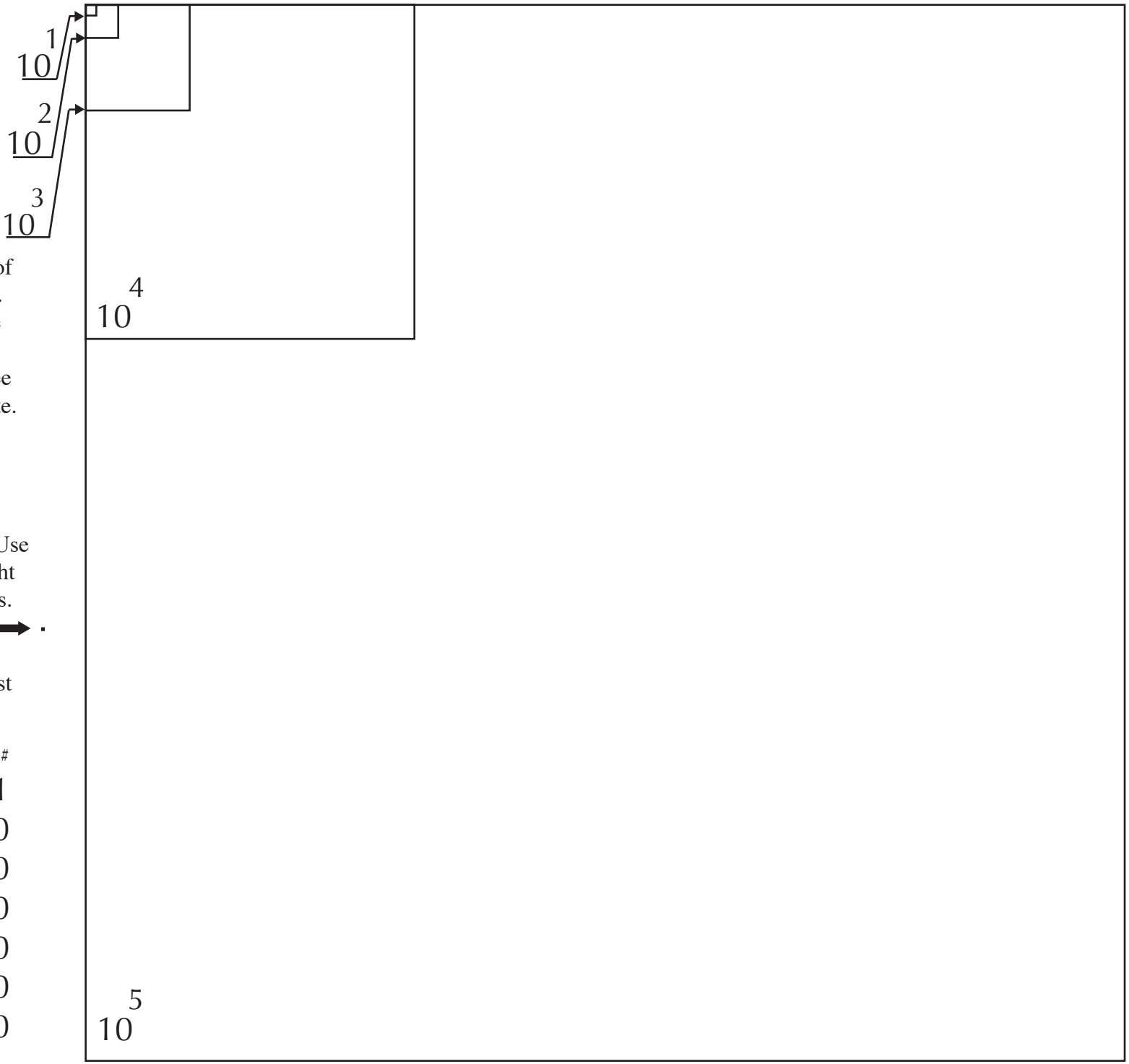
MathFLIX CHALLENGE

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