How Much Bigger?

You can find out just how much larger a lens makes an object by using a piece of graph paper. You can also use an ordinary sheet of paper, but you have to draw graph lines on it. Look through your magnifying glass at the lined paper. Count the number of lines you see through the "lens" compared to the number you see outside of it.

If there are 4 lines outside, compared to 1 line inside, the lens magnifies 4 times.

YOU NEED

• Graph paper
• Magnifying lens