The area of the Mandelbrot Set is about 1.51. Find an approximation of this. Align the y-scale’s folded edge with 1.51 on both x-scales (as you go from 1.5 to 1.6 it is the first little ruler-mark). Make sure the three registration lines match up.

\[
\frac{4}{x} = \sqrt{7} \quad \text{or} \quad x = \frac{4}{\sqrt{7}}
\]

Using a calculator you can verify that \(\frac{4}{\sqrt{7}}\) is 1.5118... which is indeed a good approximation for 1.51.