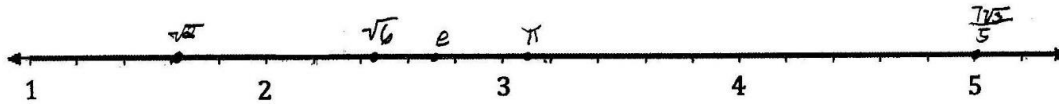


Use a calculator to estimate the value of each irrational number. Then, order the numbers by graphing each on the number line. The value of e is approximately 2.718281828459.

$$\sqrt{2} \approx 1.41 \quad \pi \approx 3.14 \quad \frac{7\sqrt{3}}{5} \approx 5 \quad \sqrt{6} \approx 2.44 \quad e \approx 2.71$$



1. $\sqrt{2}$ is approximately 1.41, and it is near the 2.40, because it is closer to that number.
2. π is approximately 3.14, it is near 3, because it is a bit over 3.
3. $\frac{7\sqrt{3}}{5}$ is approximately 5, because it rounds down.
4. $\sqrt{6}$ is approximately 2.44, it is near 2.40.