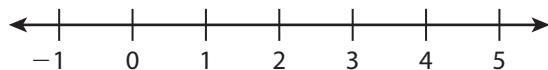




Estimating the Value of Irrational Expressions

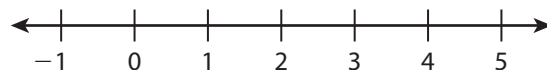
- Plot the approximate locations of the given values on the number line. Then order the numbers by completing the comparison statement.

1 $\sqrt{2}, \sqrt{5}, \frac{\pi}{2}$



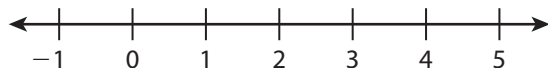
_____ < _____ < _____

2 $\frac{2\pi}{3}, 2\sqrt{3}, \pi - 2$



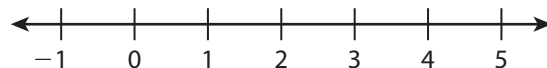
_____ < _____ < _____

3 $\frac{\pi}{4}, \sqrt{2}, \pi - 4$



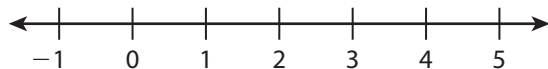
_____ < _____ < _____

4 $\frac{\pi}{3}, 3\sqrt{2}, \pi$



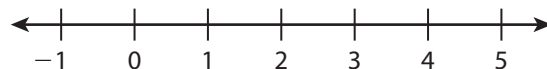
_____ < _____ < _____

5 $\sqrt{7}, \sqrt{5-2}, \sqrt{3-1}$



_____ < _____ < _____

6 $-\frac{\pi}{6}, \frac{\pi}{3}, \frac{\pi}{2} - 1$



_____ < _____ < _____

- 7 What are two irrational numbers that fall between 2 and 3?