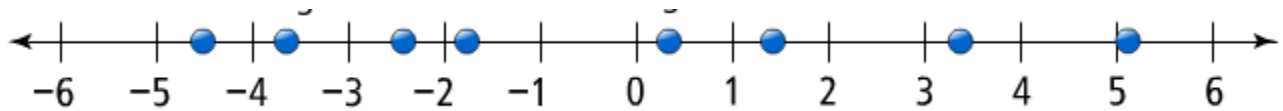


Notes 1.4: Comparing and Ordering Rational and Irrational Numbers.

Practice: Sort these numbers on the T-Chart: $(2, \frac{1}{3}, \frac{5}{4}, \sqrt{16}, \sqrt{29}, \pi, 0.16, 0.121121112...)$

Rational	Irrational

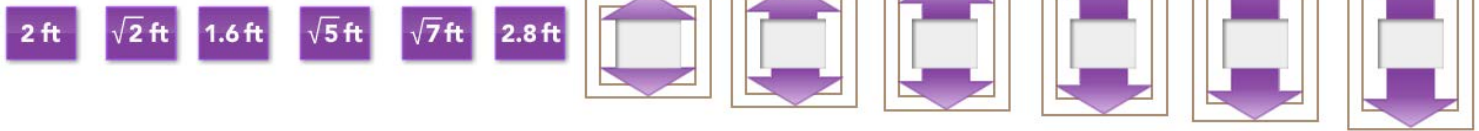


<, >, or =

a. $\sqrt{3}$ 1 b. 1.5 $\sqrt{2}$ c. 3 $\sqrt{12}$

d. $\frac{20}{9}$ $\sqrt{6}$ e. $-\sqrt{7}$ -2.6 f. 9.5 π^2

You are planning an art exhibit. One of the artists is a former math teacher. Each artist sent you the heights of their paintings. You want to display the paintings from shortest to tallest. Show how you displayed the paintings.



Order the values from least to greatest.

$$\pi, \sqrt{11}, 3.4, 3.1$$

Order the values from least to greatest.

$$-\sqrt{16}, -\frac{16}{6}, \sqrt{8}, 2.6, -\sqrt{10}$$