

# Activity 4 Assessment

## Irrational Numbers around Us

Irrational Numbers around Us			
<p>Understands and describes irrational numbers</p> <p>An irrational number is a decimal that does not terminate or repeat, e.g., <math>\sqrt{10}</math>, <math>\pi</math></p> <p>The Golden Ratio, 1.618 033 988 749 894 848 20... is an irrational number.</p> <p>The Golden ratio appears frequently in geometry, art, and architecture.</p>	<p>Identifies the subsets of the set of rational numbers</p> <p>The set of rational numbers contains natural numbers, whole numbers, integers, fractions, terminating decimals, and repeating decimals.</p>	<p>Understands that rational numbers and irrational numbers make the set of real numbers</p> <p>All numbers can be described as rational or irrational.</p>	<p>Compares and orders real numbers</p> <p>Order:</p> <p><math>1.85, -\frac{22}{5}, \sqrt{48}, -2.\bar{2}, 7, 0</math></p> <p>From least to greatest:</p> <p><math>-\frac{22}{5}, -2.\bar{2}, 0, 1.85, \sqrt{48}, 7</math></p>
Observations/Documentation			