**Answers:**

**Analyze the questions below and justify your answer.**

1. Is $2.5$ a rational number? Justify your answer.

**Answer:** Yes, because it can be expressed in the form of $\frac{a}{b}$, $\frac{5}{2} or 2\frac{1}{2}$.

1. Is $π$ a rational number? Justify your answer.

**Answer:** No, because the value of $π$ is a non-terminating and non-repeating decimal.

1. When $\frac{3}{11}$ is expressed as a decimal, it results to a terminating decimal. Is this statement TRUE or FALSE? Justify your answer.

**Answer:** $\frac{3}{11}=0.27…$ , FALSE. The quotient is a non-terminating and repeating number decimal number.