Topic: Classify numbers – rational & irrational

Problem:
Is the following number rational or irrational?

$-3 + \pi$

Choose 1 answer:
  A. Rational
  B. Irrational

Answer:
Irrational

Hints (2 Total):

Hint 1 / 2
A rational number is any number that can be expressed as the fraction of two integers.

Hint 2 / 2
$-3 + \pi$ s an irrational number because it has an infinite decimal expansion that does not repeat. Numbers that have infinite decimal expansions that do not repeat cannot be expressed as the fraction of two integers.