Answer on Question #85936 – Math – Algebra

Question

Give three numbers between negative 5 and 8 that satisfy the given condition.
Real numbers, but not rational numbers.
Select all that apply.

Solution

An irrational number is any real number that is not rational.
Between negative 5 and 8 we have infinite quantity of irrational numbers.
The square root of 2 is an irrational number because it can't be written as a ratio of two integers.
Euler wrote the first proof of the fact that e is irrational.
Lambert proved that the number π is irrational.
$1 < \sqrt{2} < 2$
$2 < e < 3$
$3 < \pi < 4$