

Indicators

Objective:

1.01 Develop number sense for the real numbers.

a) Define and use irrational numbers.

Vocabulary and Resources

radical	radicand	greater than or equal to \geq
terminating decimal	perfect square	compound inequality (ex. $a < x < b$)
repeating decimal	number line	ascending order
non-terminating	equal =	descending order
non-repeating	less than $<$	estimation
pi, π	greater than $>$	place value
square root	less than or equal to \leq	benchmark values

A. Which of the following expressions are irrational?

a) $\sqrt{25}$

b) $0.\overline{010010001}$...

c) $\frac{4}{7}$

d) $\sqrt{8}$

e) $0.\overline{3}$

f) π