

Indicators

Objective:

1.01 Develop number sense for the real numbers.

b) Compare and order.

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. Graph the following real numbers on a number line.

a) $\sqrt{32}$

b) 8.2

c) $\sqrt{210}$

d) -4

e) $-\frac{2}{3}$

f) $\sqrt{6}$

g) $2\frac{7}{8}$

B. Locate the following irrational numbers between two consecutive integers.

a) $-\sqrt{14}$

b) $\sqrt{21}$

c) $-\sqrt{75}$

d) $-\sqrt{118}$

e) $\sqrt{232}$

f) $\sqrt{600}$