

1) Consider the set of all real numbers greater than -6 and less than -2 .

a) Graph this on a number line.

b) Write this set using interval notation. Next to that answer, write the words "Interval Notation".

c) Write this set using inequality notation. Next to that answer, write the words "Inequality Notation".

2) The number 48 is what percent of 812? Write your answer to the nearest tenth of a percent.

Ans:

1a)



1b) $(-6, -2)$ Interval Notation

1c) $-6 < x < -2$ Inequality Notation

2) 5.9%