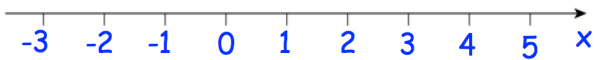




Write 85000 in standard form

Write 0.0007 in standard form

Represent the inequality $0 < x \leq 4$ on this number line.



Solve the simultaneous equations

$$2x + 3y = 9$$

$$3x + 2y = 1$$

The number of days, D , to complete some research is given by

$$D = \frac{1600}{R}$$

where R is the number of researches.

Aisha says that if there are 50 researchers, it will take less than 30 days to complete the research.

Is she correct?

A glass cube of side length 5cm has a mass of 306.25g.

Calculate the density of the glass.