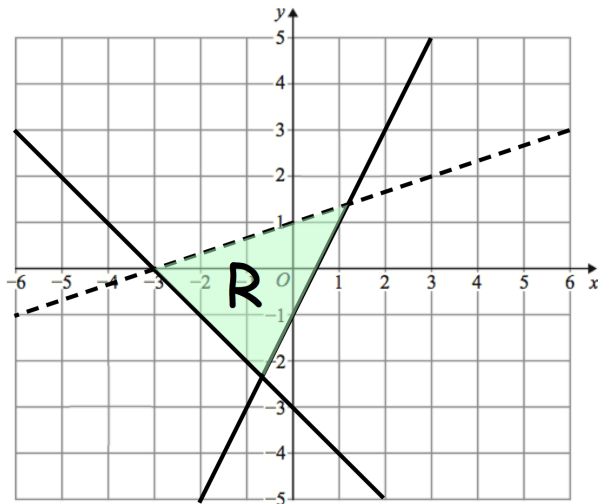




A bicycle wheel has diameter 80cm.
The bicycle travels 50m.

How many complete revolutions does the wheel make?



The diagram shows a region which satisfies 3 inequalities.

Find the inequalities

Solve $\frac{x+2}{4} + \frac{x}{6} = 11.75$

A square has side length 6cm measured to the nearest millimetre.

What is the upper bound for its area?

a : b is 4:9
c is 20% of a.

Work out b : c