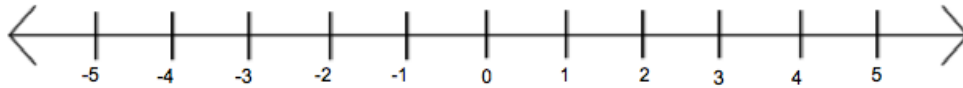


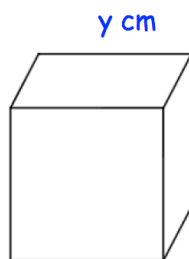
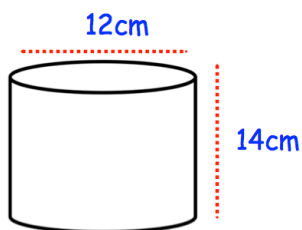
13th January

Corbettmaths

Draw $x < 2$ on the number line.Factorise $x^2 + 12x + 35$ Factorise $x^2 - 10x + 25$

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

How many complete revolutions
does the wheel make?



A cube has side length y cm.
The cylinder and cube has the same
volume.
Find y

Solve the simultaneous equations

$$5x + 3y = 41$$

$$2x + 3y = 20$$

Do not use trial and improvement