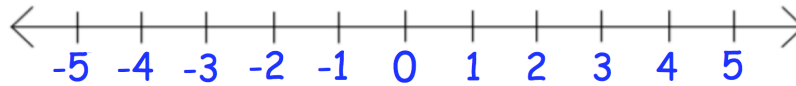




Draw  $x < 2$  on the number line.

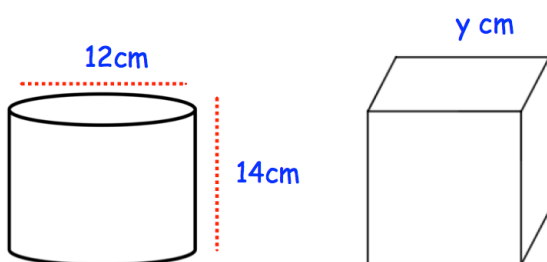


Factorise  $x^2 + 12x + 35$

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 have the same  
volume.

Find  $y$

Solve the simultaneous equations

$$5x + 3y = 41$$

$$2x + 3y = 20$$

Do not use trial and improvement