

**14th April**

Corbettmaths

Solve the simultaneous equations

$$3x + y = 19$$

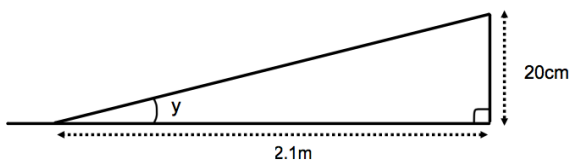
$$2x + 3y = 8$$

Solve

$$3 < 2x + 1 < 19$$

What is the mass of an object which has a volume of  $120\text{cm}^3$  and a density of  $6\text{g/cm}^3$  ?

A ramp is 2.1m long and 20cm high.



Calculate the size of angle  $y$ .

Solve the simultaneous equations

$$5x + 7y = 52$$

$$2x - 3y = 15$$