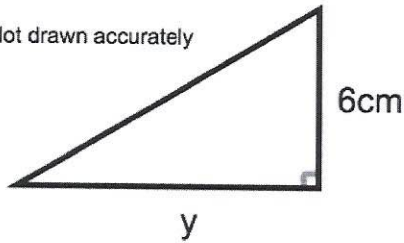




The area of the triangle is 21cm^2

Not drawn accurately



Find y

$$21 \times 2 = 42$$

$$42 \div 6 = \underline{7\text{cm}}$$

There are 700 sweets in a tin.
In the tin there are only lemon and strawberry sweets.

Aria says that the ratio of lemon to strawberry sweets is $1 : 2$

Explain why Aria is incorrect.

$$1 + 2 = 3$$

700 is not a multiple of 3.

Solve $x^2 - 49 = 0$

$$x^2 = 49$$

$$x = 7 \text{ or } x = -7$$

The area of a circle is 30cm^2 .

Find the length of the radius.

$$\pi r^2 = 30$$

$$r^2 = 9.54929\dots$$

$$r = 3.09019\dots$$

$$3.09\text{cm}$$

Line A $y = 2x + 3$

Line B $y = \frac{1}{2}x - 3$

Line C $y = 6 - x$

Line D $y - 2x = 7$ $y = 2x + 7$

Line E $y + 2x = 3$ $y = -2x + 3$

Which two lines are parallel?

A & D