

15th October



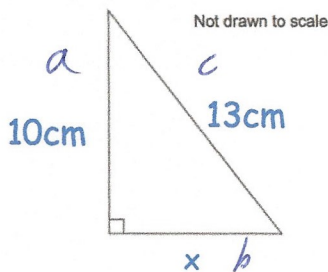
Corbettm0ths

The distance from the Sun to Pluto is 3.67 billion miles.
Write this number in standard form.



$$3670000000$$

$$3.67 \times 10^9$$



Find x

$$a^2 + b^2 = c^2$$

$$10^2 + x^2 = 13^2$$

$$100 + x^2 = 169$$

$$x^2 = 69$$

$$x = 8.307 \text{ cm}$$

The population of Northern Ireland is 1.8 million, to the nearest hundred thousand.

What is the greatest possible number of people that live in Northern Ireland?

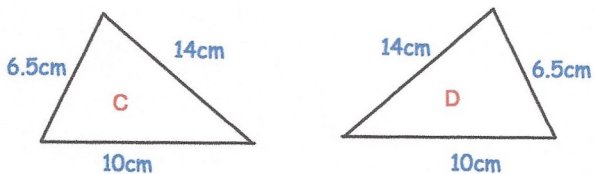
$$1,800,000$$

$$1,849,999$$

length, L, cm	Frequency	fx
$0 < L \leq 10$	5	21
$10 < L \leq 20$	15	19
$20 < L \leq 30$	25	10
	50	640

Work out the estimated mean.

$$640 \div 50 = 12.8 \text{ cm}$$



State the condition why the two triangles are congruent.

SSS