



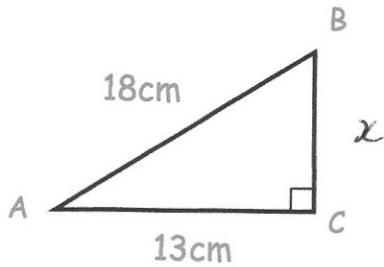
The distance from the Sun to Pluto is 3.67 billion miles.



Write this number in standard form.

3,670,000,000

3.67×10^9



Find the length of side BC.

$$x^2 + 13^2 = 18^2$$

$$x^2 + 169 = 324$$

$$x^2 = 155$$

$$x = 12.45 \text{ cm}$$

The population of Latvia is 1.9 million, to the nearest hundred thousand.

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

1,949,999

Time t (hours)	Frequency, f
$0 \leq t < 4$	2
$4 \leq t < 8$	6
$8 \leq t < 12$	10
$12 \leq t < 16$	14
$16 \leq t < 20$	18

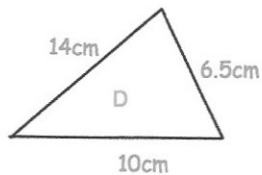
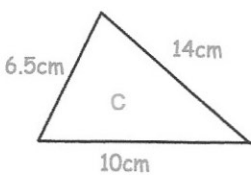
30

ft
6
66
90
56
54

272

Work out an estimate of the mean time taken.

$$272 \div 30 = 9.06 \text{ hours}$$



State the condition why the two triangles are congruent.

SSS

Side - side - side