16th January

Corbettmaths

Between which two consecutive integers does $\sqrt{87}$ lie?

9 & 10

Solve $5x + 1 = 3x + 19$

$2x + 1 = 19$

$2x = 18$

$x = 9$

Cerys leaves £5000 in the bank for four years.
It earns compound interest of 2% each year.

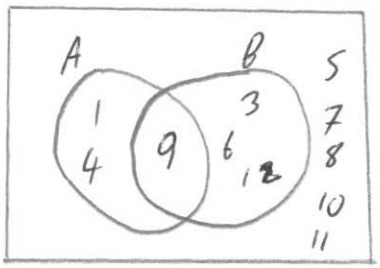
5000×1.02^4

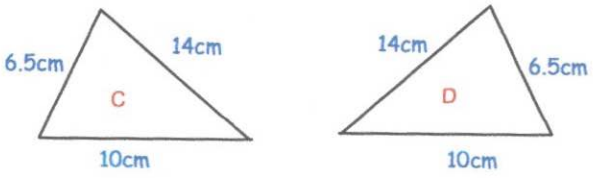
Calculate the total amount Cerys has in the bank at the end of the four years.

£5412.16

$\xi = \{1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12\}$
A = {square numbers} 1 4 9
B = {multiples of 3} 3 6 9 12

Draw a Venn diagram for this information.





State the condition why these triangles are congruent.

SSS