**4th June**

At a university, the ratio of women to men is 7:5.
75% of the women are under the age of 30.
20% of the men are over the age of 30.
What percentage of all the people at the university are under 30?

The length of a song is 182 seconds. This time, $t$, has been truncated.
Complete the error interval due to truncation.

---------- $< t <$ ········

Lindsey is deciding where to place a bench.
Show the possible positions of the bench for the rule.
The bench is an equal distance (equidistant) from the tree and the well.

Factorise

$$y^2 - x^2$$

Shape A has an area of 144cm$^2$
Shape B is similar to Shape A with sides 3 times larger.
Work out the area of Shape B.