Find  $x$ 

Arrange in order, smallest to largest

$$25\frac{1}{2}, 8\frac{2}{3}, 27\frac{1}{3}$$

The height of a tree, in metres, over its first 8 years after being planted is given by

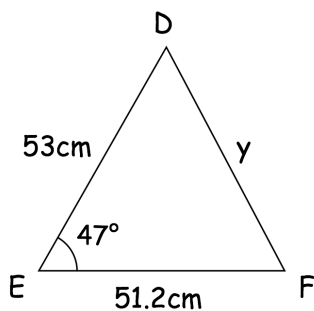
$$h = 0.5 \times 1.2^n$$

where  $n$  is the number of years after it was planted.

Write down the height of the tree when planted.

Write down the annual percentage height increase.

Find the height of the tree 5 years after being planted.

Find  $y$ .