

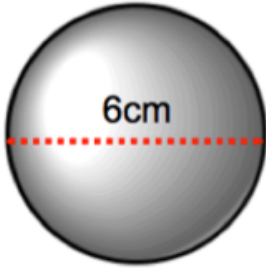
4th July



Corbettmaths

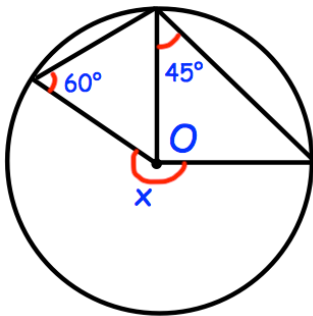
Expand fully.

$$x(x + 1)(x - 2)$$



Find the volume of this sphere.

Give your answer in terms of π



Find x

Henry has 20 apples in a crate.
The masses of the apples are shown in the table.

Mass, m grams	Frequency
$50 < m \leq 70$	2
$70 < m \leq 80$	3
$80 < m \leq 85$	6
$85 < m \leq 90$	5
$90 < m \leq 110$	4

Draw a histogram to represent the data.

Henry takes two apples from the crate at random, without replacement.

Work out the probability that both apples are over 90g.