



The n th term of a sequence is

$$(n + 1)(n + 3)$$

Work out the first three terms of the sequence.

Make y the subject of $6x - 2y = 10$

Are the lines $6x - 2y = 10$ and $y = -3x + 4$ parallel?

There are 30 students in class 1.
There are 18 students in class 2.

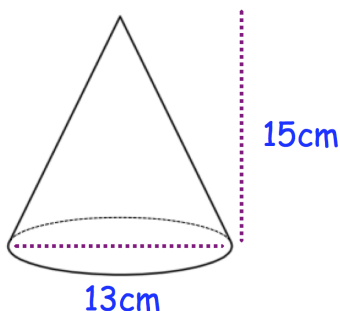
Both classes sit the same test.

The mean mark in class 1 is 80%.
The mean mark in class 2 is 62%

Work out the overall mean for both classes.

Solve $4x - 1 < 9 - x$

Represent your answer on the number line



Calculate the volume of the cone.