3rd February

Work out

\[
1\frac{2}{5} + 2\frac{1}{2}
\]

Give your answer as a mixed number.

The angles in a triangle are in the ratio \(1 : 2 : 9\)

What is the size of the largest angle?

Calculate the volume of the pyramid

Expand and simplify

\((3y - 2)(y + 3)\)

There are 20 students in class 1.
There are 10 students in class 2.
Both classes sit the same test.
The mean mark in class 1 is 64%.
The mean mark in class 2 is 80%

Work out the overall mean for both classes.