

**3rd February**

Corbettmaths

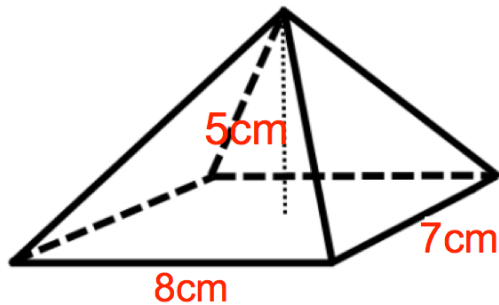
Work out

$$1\frac{2}{5} + 2\frac{1}{2}$$

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.