

24th June



Corbettmaths

$$1\frac{1}{5} + 3\frac{7}{10}$$

Find the volume of a cylinder with diameter 8cm and height 20cm.

A line has equation  $y = -x + 8$

Write down the gradient of the line

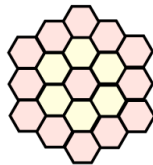
Write down the y-intercept of the line



Pattern 1

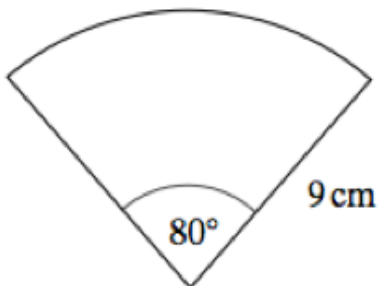


Pattern 2



Pattern 3

Here is a sequence of patterns made from these tiles.  
How many of these tiles are needed to make Pattern number 4?



Calculate the perimeter of the sector.