July 9th	5-a-day	Numeracy
Work out 49 + 49 98	Double 75 150	
There are 45 pupils in Year 5 at a school $\frac{2}{5}$ of these students are left handed.	How many students are left handed? $\frac{2}{5}$ of 45 45 ÷ 5 = 9 9 × 2 = 18	
	48 people are asked where they like to go on holiday. How many chose Austria? 48 ÷ 4 = 12	
20 ÷ $\boxed{-4}$ = −5		
Expand 5(x - 2)	5x − 10	

July 9	5-a-day	Foundation

Find the nth term

2, 5, 8, 11, ...

3n 3 6 9 12

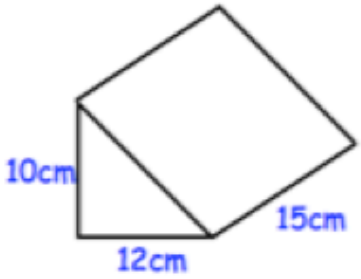
3n-1

Work out the 100th term

3x100-1

300-1

299



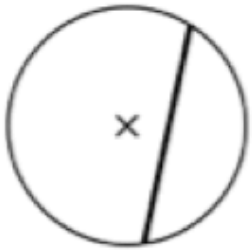
front

Volume

Calculate the volume

$\frac{1}{2}(12 \times 10) = 60cm^2$

$60 \times 15 = 900cm^3$



What part of the circle is shown?

chord

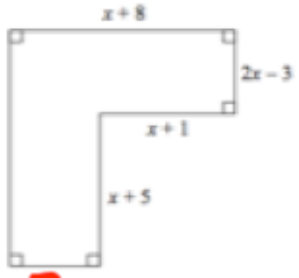
$\frac{2}{3}$ or $\frac{3}{5}$

$\frac{10}{15}$ $\frac{9}{15}$

Which is smaller? Show your method

$\frac{3}{5}$

3x+2



Write an expression for the perimeter of the shape.

8x +20

July 9	5-a-day	Higher

Calculate the nth term of:

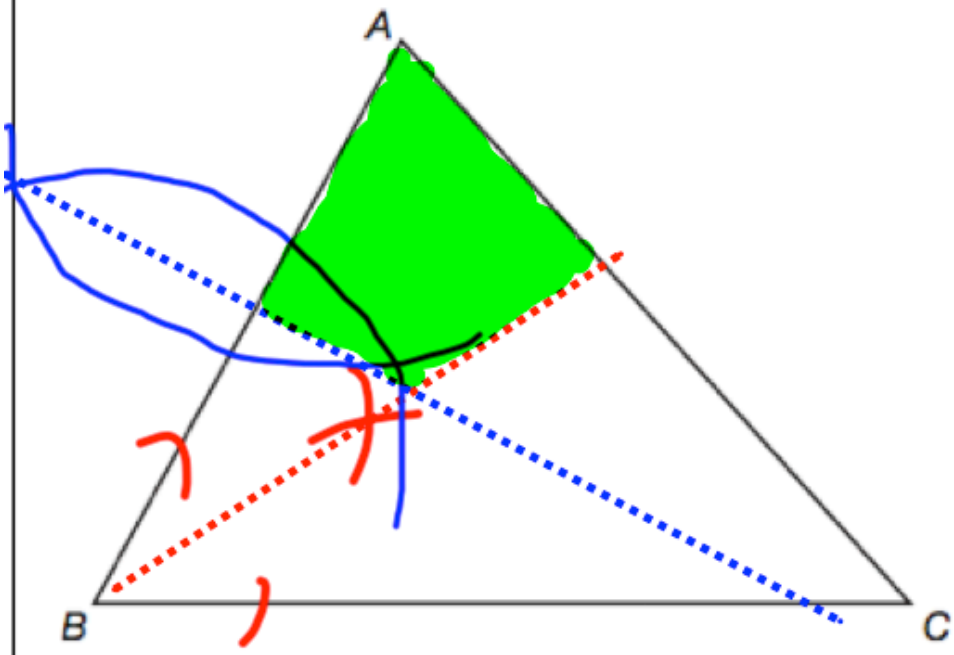
10 13 16 19 ... ...

3 6 9 n

$3n+7$

Find the 200th term.

607



Construct the angle bisector of angle ABC

An accurate version of above.

Shade the region which satisfies the conditions:

- Closer to AB than BC
- Closer to A than B.

Prove the sum of any three consecutive numbers is divisible by 3.

$n+(n+1)+(n+2)$

$3n+3$

$3(n+1)$

∴ divisible by 3.