

# WEEK 19 – WEEKLY MATHS CHALLENGE



@sthildasmaths



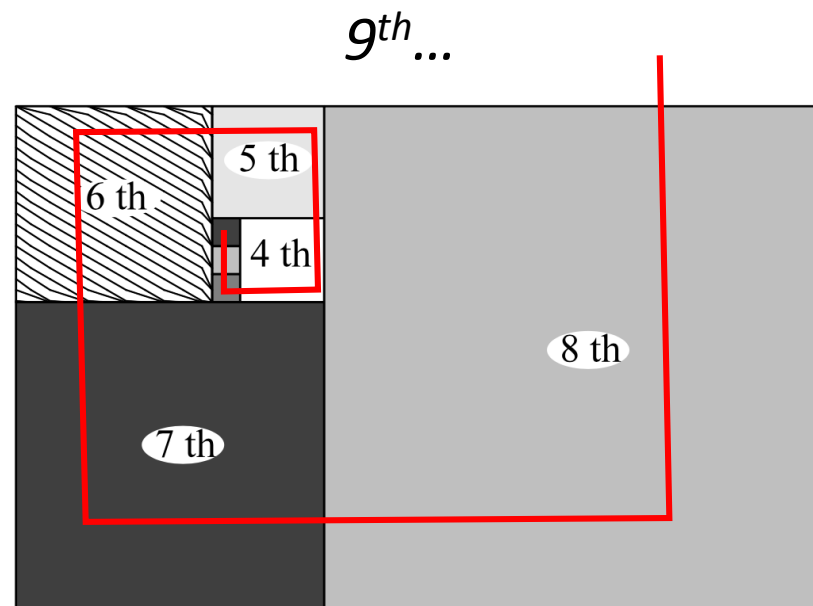
StHildasMaths

Here is a spiral sequence of squares.

The first three squares are  $1\text{cm}^2$  in area.

The fourth square onwards is numbered.

What is the perimeter of the 12<sup>th</sup> square?



## KEYS TERM OF THE WEEK

**The Quadratic Formula:** use for solving quadratic equations in the form:  $ax^2 + bx + c = 0$

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

Submit your answers on a piece of paper with your name and form on by the END OF FRIDAY to the box by **student services.**

Winner revealed next Wednesday!

*Mr. Ndebu's Fun Number Fact:*

*'Last summer, I travelled  $2^2 \times 3 \times 241$  miles on my motorbike!'*

