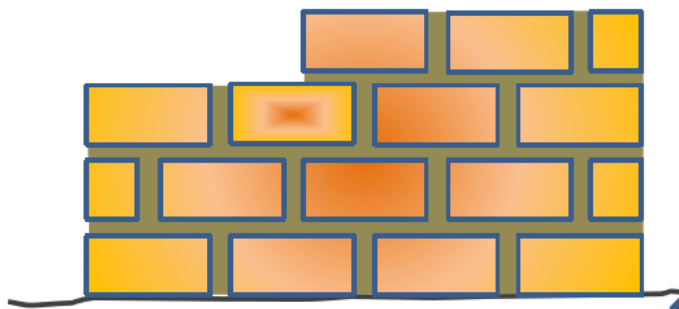


SuperM's Wall Challenge

Super M is building a wall in his back garden.

He has **1,300 bricks** to build this wall.



On the first day he manages to lay **486 bricks**.

Each day SuperM becomes more and more tired and he only manages to lay $\frac{2}{3}$ of the number of bricks from the day before.

How many days will it take SuperM to build the whole wall?

Days	Bricks	Total Bricks
Day 1	486	486
Day 2	$\frac{2}{3}$ of 486 = 324	810
Day 3	$\frac{2}{3}$ of 324 = 216	1,026
Day 4	$\frac{2}{3}$ of 216 = 144	1,170
Day 5	$\frac{2}{3}$ of 144 = 96	1,266 *
Day 6	$\frac{2}{3}$ of 96 = 64	1,330

*Since SuperM has 1300, he still needs another day to lay all tiles.

SuperM needs 6 days to finish the wall.