28th October Higher Plu	us 5-a-day
The numbers a, b and c are irrational numbers and not equal.	Corbettmaths
abc is rational.	
Write down possible values of a, b and c	
A sequence is defined by the term-to-term rule	Find $u_1$
$u_{n+1} = 5u_n + 2$	
$u_2 = 22$	
Make x the subject of	
$y = \frac{c}{(x+b)^3}$	
y 4x 120°	Work out the ratio $y:x$
3×	
A scientist wants to estimate the number of lions living in a region. On Thursday, he locates and tags some lions. On Friday he locates 10 less lions than he had on Thursday. 4 were tagged. The scientist works out an estimate for the	He notices that the number of lions that he had caught on Thursday, was a fifth of the total number of lions. How many lions live in the region?

region.

total number of lions living in the