Copyright © University of Cambridge. All rights reserved

NRICH

The Amazing Splitting Plant

Age 5 to 7

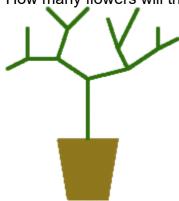
The splitting plant grows in a special way.

In the first week, the stem splits into two branches.

In the second week, each of these two branches split into another two branches - making four branches altogether.

This keeps happening every week, until at the end of the sixth week each branch grows a flower.

How many flowers will the plant have?





http://www.cam.ac.uk

Copyright © 1997 - 2020. University of Cambridge. All rights reserved.

http://nrich.maths.org/terms

NRICH is part of the family of activities in the Millennium Mathematics Project http://mmp.maths.org .

https://nrich.maths.org/159