

Number Explorer Missions



Draw blocks to make the biggest square you can. How many blocks wide is it? How many blocks tall is it?



Ask your grownup to help you find 25 things, like pasta shapes or scrunched up bits of paper. Can you make them into a big square? Can you take some away to make a smaller square?



Can you use your 25 things to make any other squares?



Play Together

Quick draw! Have fun playing this super squares game. Find the extra sheet, cut out the numbers and pop them in a hat or bag. Now, take one out. Use the grid to draw a Numberblock that is that many blocks tall and wide. If you pull out the number 5, your square will be 5 blocks tall and 5 blocks wide. How many blocks are in the square altogether? Which Numberblock have you made? Take it in turns to take out more numbers and draw more Numberblocks.

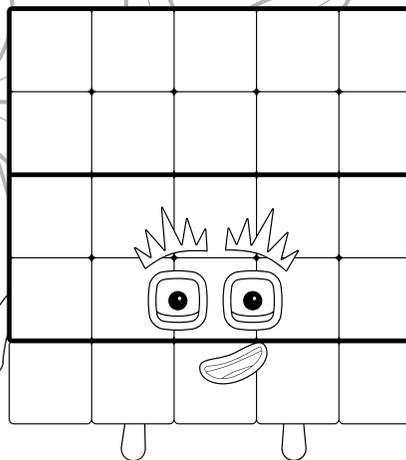
For your next mission, find the episode 'Thirty's Big Top'

We're going on a Square Hunt

This mission belongs to _____

I am Twenty-Five and I am a really big square!

25

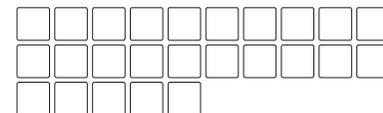


Fact File

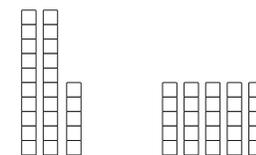
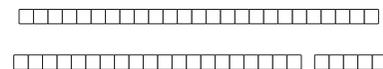
25 is this many:



Twenty-Five has 25 blocks:



Twenty-Five is ... 25 ones, twenty and five, 2 tens and a five, 5 fives



Numbers to 50



Meet Twenty-Five, square numbers



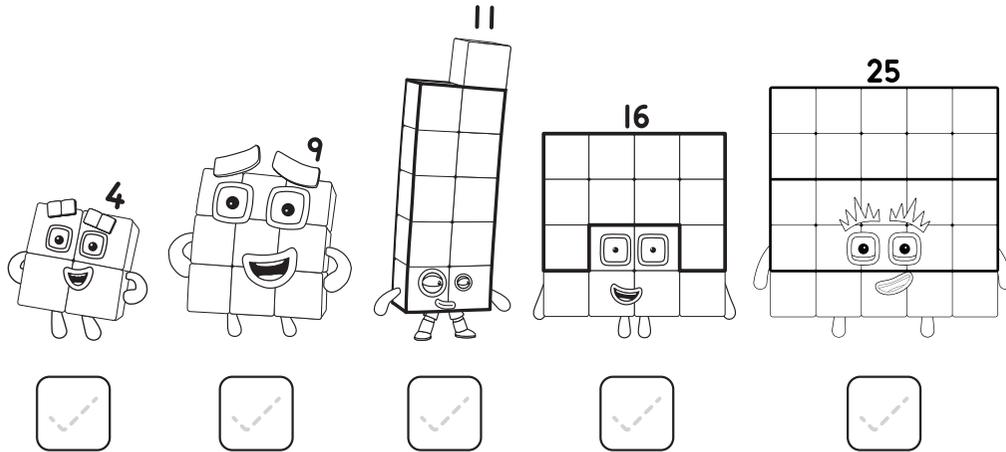
We're Going on a Square Hunt

Print pages 1 and 2 double-sided and fold in half to make a booklet

Who is it?

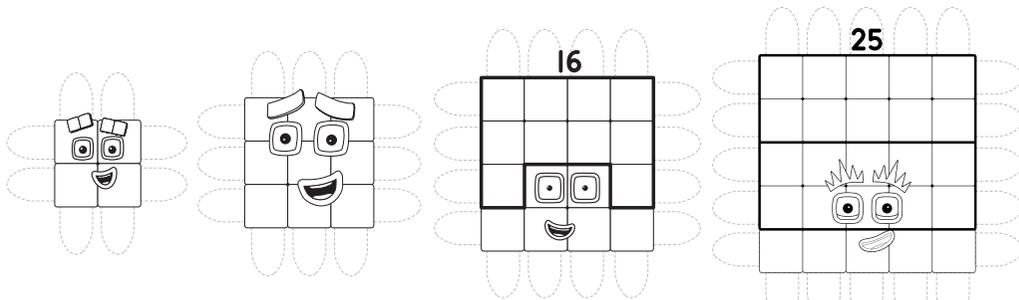
2

Which Numberblocks are squares? Tick them.



Array Rays

Draw rectangle rays for each Numberblock.
How tall are they? How wide are they?
Point to the Numberblock who is 5 blocks wide.

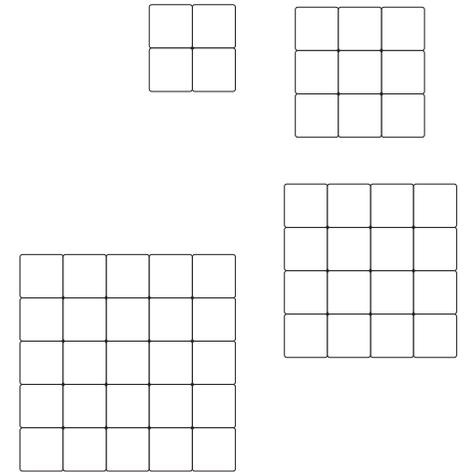


Match up

3

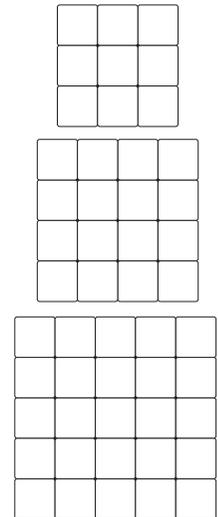
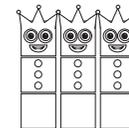
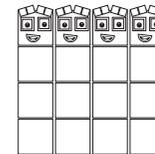
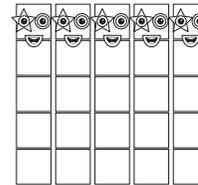
Draw a line to match each Numberling to the right square.

9 16
25 4

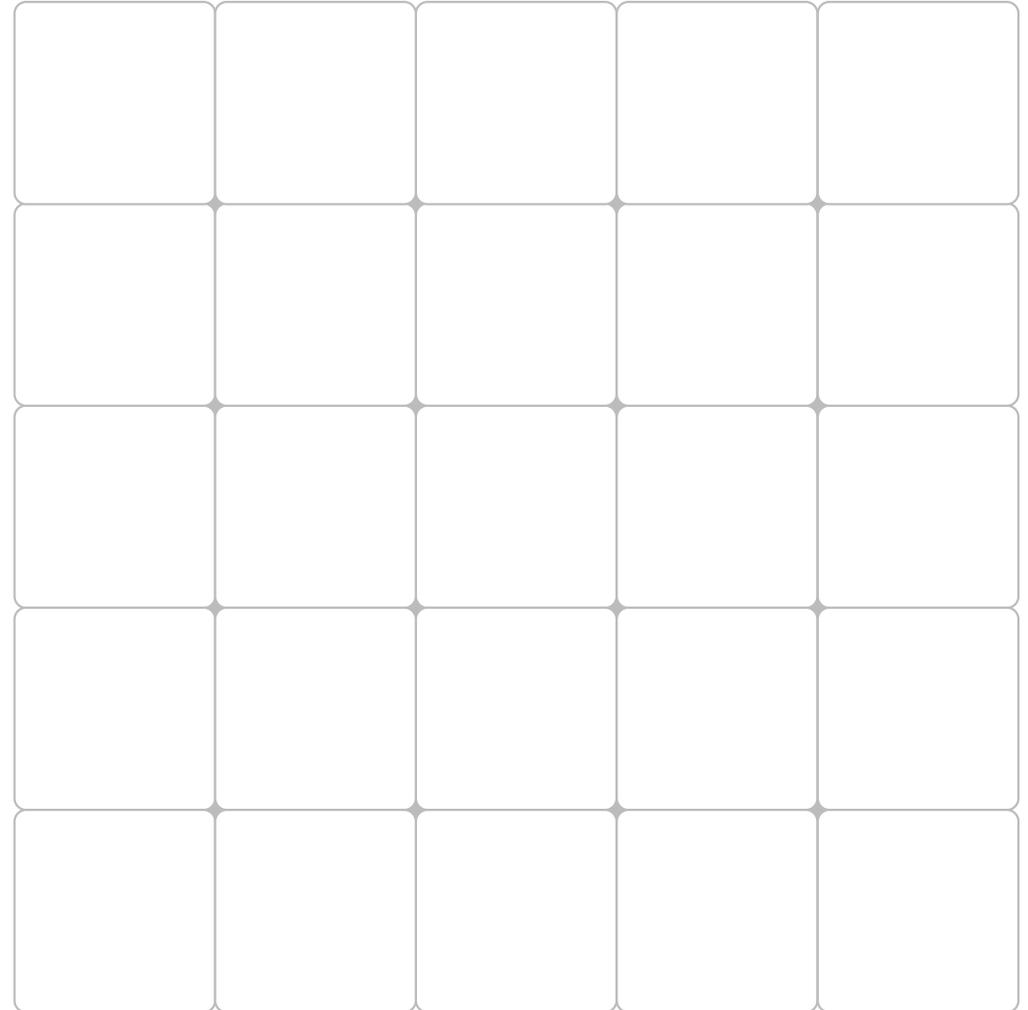
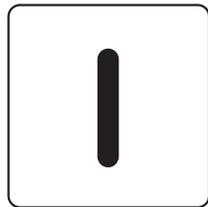


Super squares

Draw lines to match the squares to the sets of Numberblocks.



Quick draw



***You may want to print multiple pages to draw more Numberblocks using the grid**