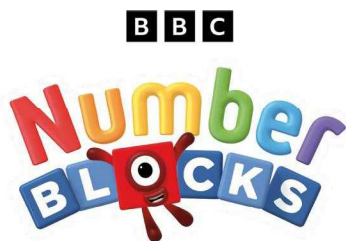# #NationalNumeracyDay

Numberblocks space activity pack

10

BBC

Number BLOCKS
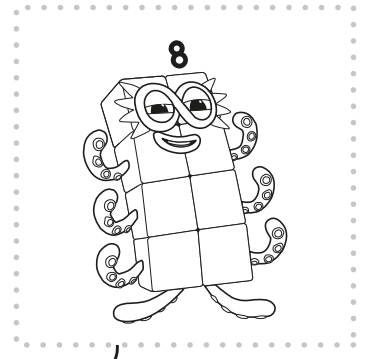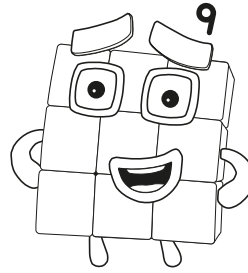
National Numeracy Day 22 May 2024
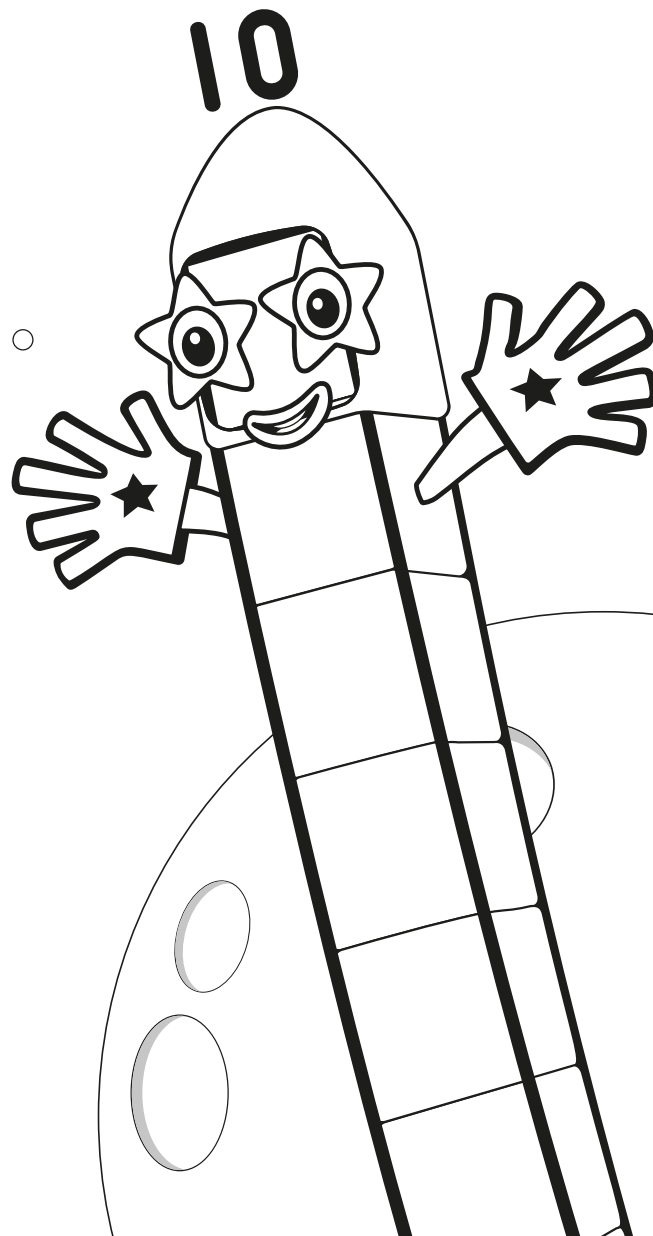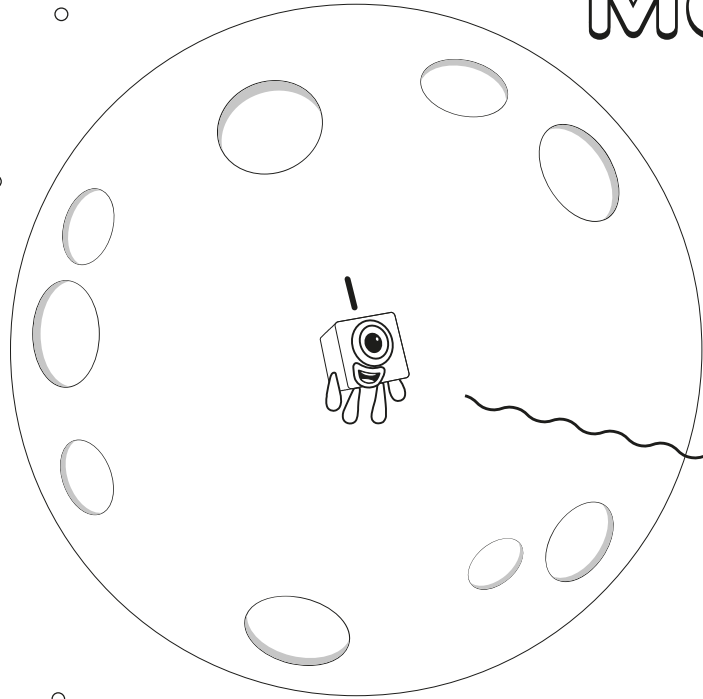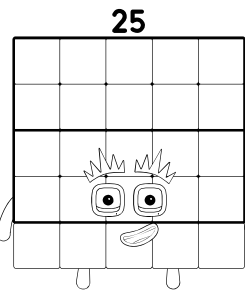
Square on the Moon

Can you help Numberblock One get to the Moon? Draw around the next square Numberblock that each friend sneezes out.
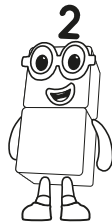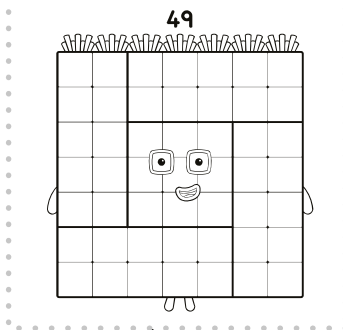
1
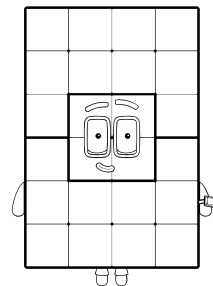
Achoo!

9

8

Wrong way!

2
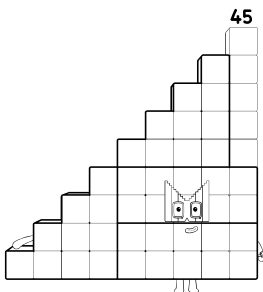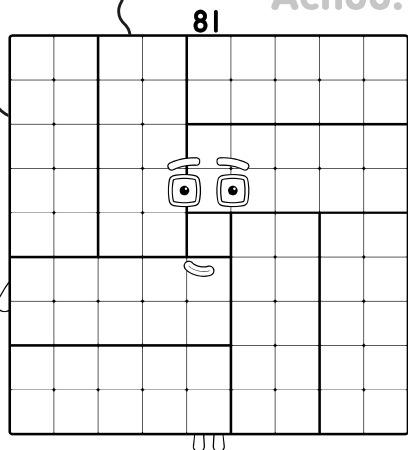
Achoo!

25

Uh oh!

Achoo!

49

24

45

Achoo!

81

Whoops!

Try again!

Square on the Moon

Watch the episode "Square on the Moon" on BBC iPlayer and YouTube.

Notes for grown-ups

Mathematics
Find out about square numbers. Any number that can be made from two equal numbers multiplied together, is a square number. Numberblock Sixty-four is made of 8 eights, so is therefore square.
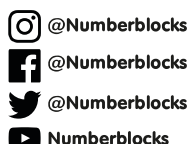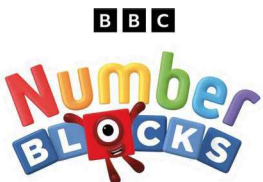
Activities
Can the child see how each Numberblock fits within a bigger Numberblock? Count how many blocks wide and tall each of the square Numberblocks are, to find out who they're made of.

Activity solutions and expectations
To identify a square number, ask the child to think about if a square Numberblock can fit neatly inside another square Numberblock. For example, who can fit in the middle of Nine? There's only space for one block, so it has to be One.

They can also find square numbers, by counting how many blocks wide and how many blocks tall the Numberblock is. If they are the same number wide as tall, it's a square. For example, Numberblock Sixteen is 4 blocks wide and also 4 blocks tall.