

Number Explorer Missions



Look at all of the answers in the nine times table. Can you spot any number patterns? Can you see how the first digit counts up from 0 to 9 and the second digit counts down from 9 to 0? What happens if you add the two digits together?

$$\begin{aligned}1 \times 9 &= 09 \\2 \times 9 &= 18 \\3 \times 9 &= 27 \\4 \times 9 &= 36 \\5 \times 9 &= 45 \\6 \times 9 &= 54 \\7 \times 9 &= 63 \\8 \times 9 &= 72 \\9 \times 9 &= 81 \\10 \times 9 &= 90\end{aligned}$$

Colour if you've done it!

Make your own magic wand by rolling foil into a wand shape. Decorate it with colourful tissue paper and stickers, if you like. Why not put on your own magic show. You could use the hands on the extra sheet to perform the tricks inside this booklet.

Colour if you've done it!

Say this rhyme to remember that $9 \times 9 = 81$.
Nine and Nine had lots of fun!
Together they made Eighty-one.

Colour if you've done it!

For your next mission, find the episode 'Nine's Time to Shine'

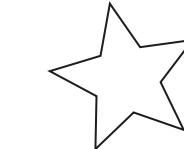
4

The Magical Nines

This sparkly adventure belongs to...



Hello
magic
fans!



Colour Ninety hosting a magic show!



Level 5



Times Tables



The Magical Nines



Magic show!

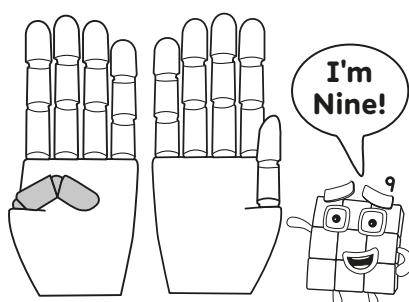
Try Ninety's trick to work out who the Magical Nines are.
Find the helping hands on the extra sheet.



1. Put the thumb down.

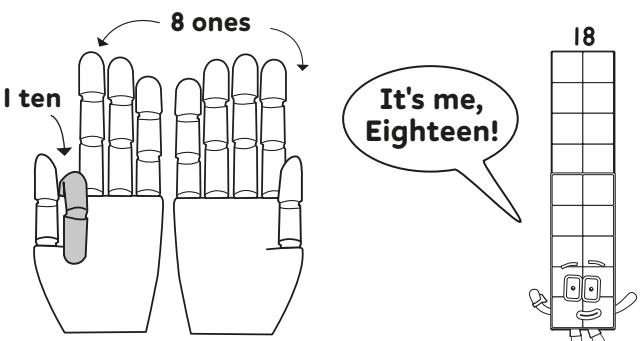
$$1 \times 9 = \boxed{9}$$

2. How many fingers are still upright?



1. Put the thumb back up, then put the second finger down.

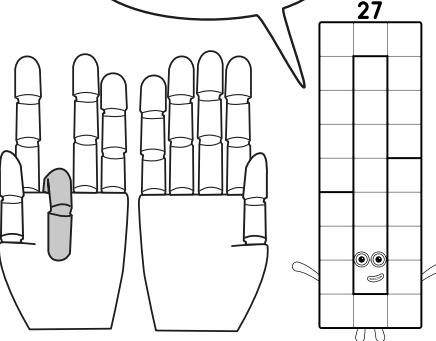
$$2 \times 9 = \boxed{}$$



Now you try!

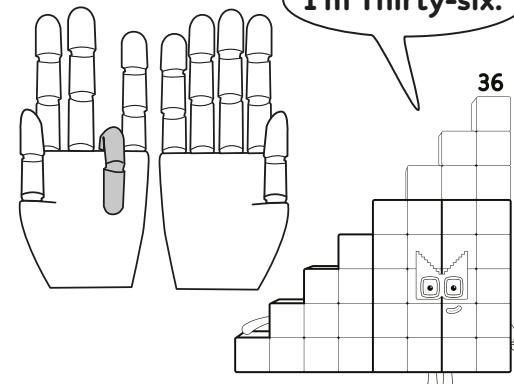
$$3 \times 9 = \boxed{}$$

I'm Twenty-seven.

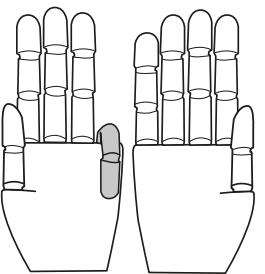


$$4 \times 9 = \boxed{}$$

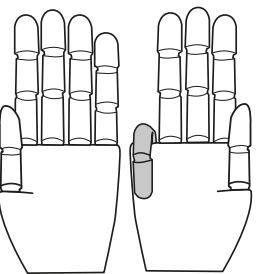
I'm Thirty-six.



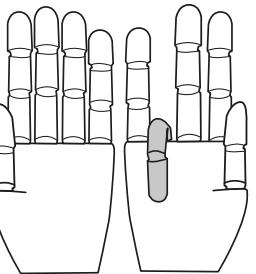
$$5 \times 9 = \boxed{}$$



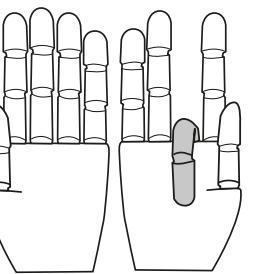
$$6 \times 9 = \boxed{}$$



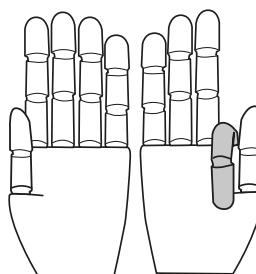
$$7 \times 9 = \boxed{}$$



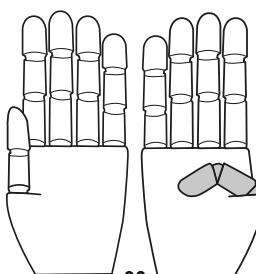
$$8 \times 9 = \boxed{}$$



$$9 \times 9 = \boxed{}$$

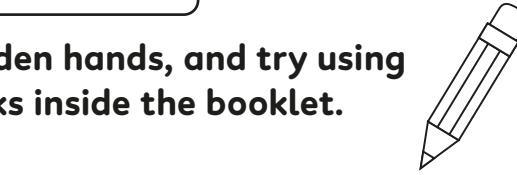
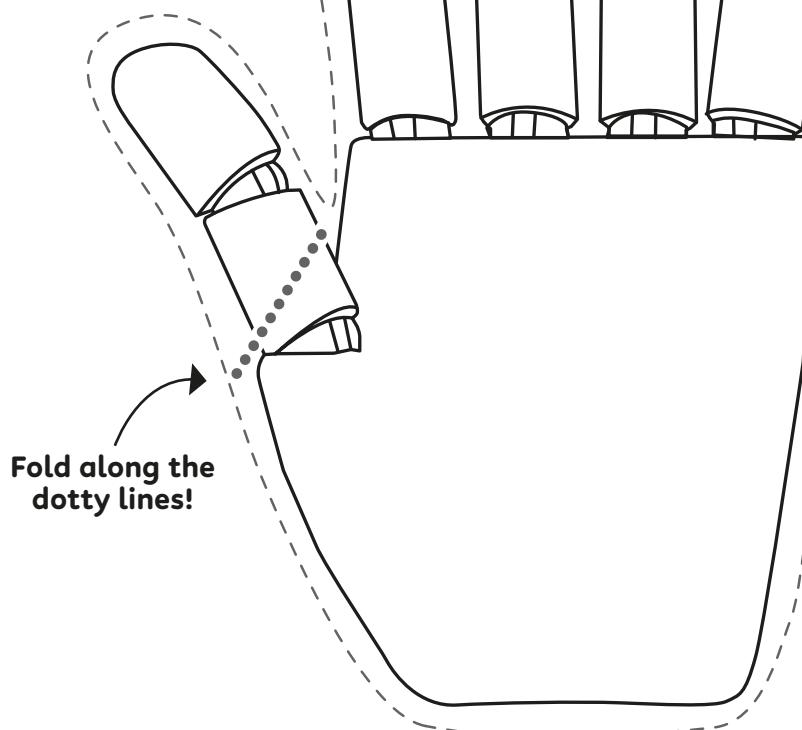


$$10 \times 9 = \boxed{}$$

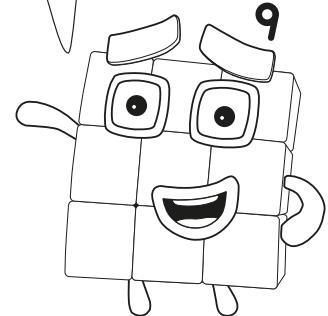


Helping hands!

Colour and snip out the wooden hands, and try using them with the magic tricks inside the booklet.



Can you say the
Magical Nines as you
make them?



**Fold along the
dotty lines!**

Top tip
Stick the page
to card before
snipping to
make the
hands more
sturdy.