

Number Explorer Missions



Ask your grown-up to think of a number up to ten. Can you halve it? Then try doubling it!



Go on a doubles mission! Can you find one thing and double it? Start with one sock, when you have a pair, double up and find another pair. How many doubles can you make?



Now try a halving mission. Gather together 32 toy bricks, or tear some paper into 32 pieces. Make two piles of 16, then half those piles into 8s, keep going until you reach ones!



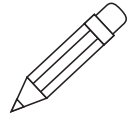
Play Together

Play Thirty-two's double-up game! Find your snip-out Numberblocks from your extra sheet. Lay them out and muddle them up. Now place them in a line in doubling up order, start with Numberblock One, who comes next?

For your next mission, find the episode 'Steps Versus Squares'

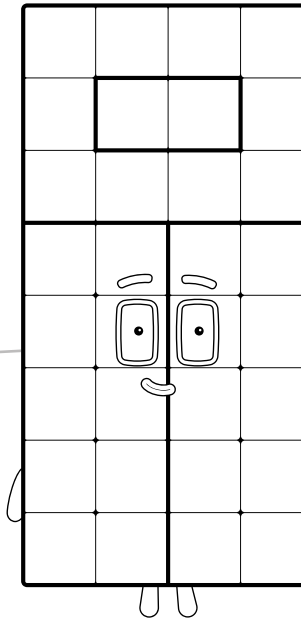
Snow much fun!

This mission belongs to _____

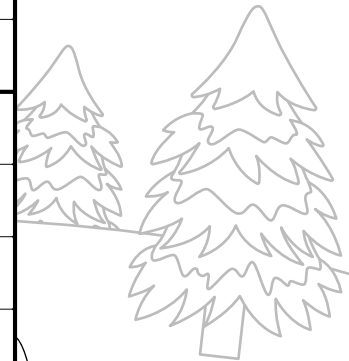


Thirty-two is having fun doubling and halving in the snow!

32



It's a snow day!



Level 4



Halving and doubling

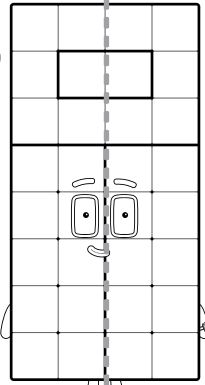
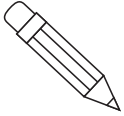


Snow Day Doubles

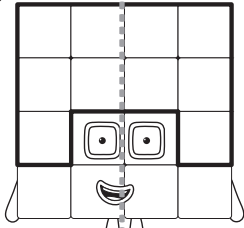
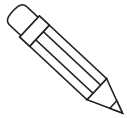


Halving

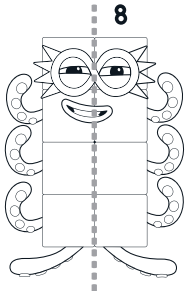
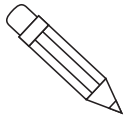
I'm Thirty-two



I'm Sixteen!

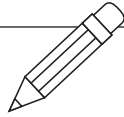


I'm Eight!



Let the fun begin! Draw a line to split the friends in half and write the answers.

How many 16s?



Tip!

Count the blocks!



How many 8s?

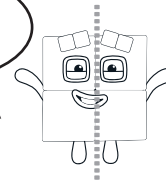
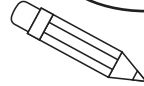


How many 4s?

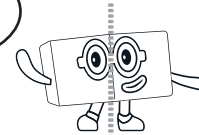
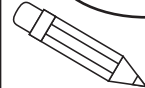


2

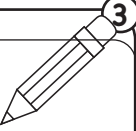
I'm Four!



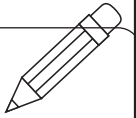
I'm Two!



How many 2s?



How many 1s?



3

Double up

The friends are making snow angels! Stick on the snip-outs from your extra sheet.

How many 16s is Thirty-two?

Stick!

How many 8s?

Stick!

How many 4s?

Stick!

How many 2s?

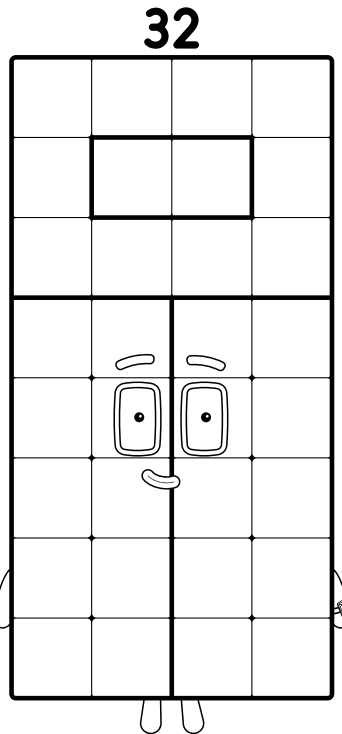
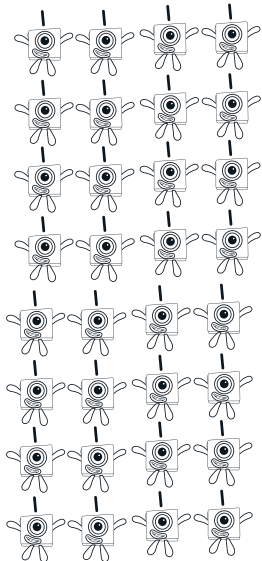
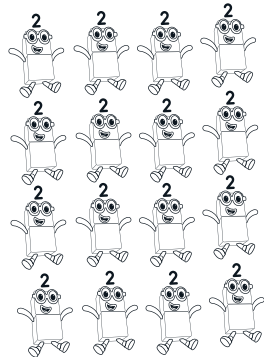
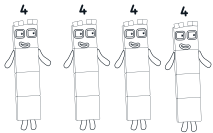
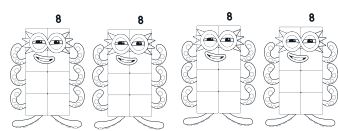
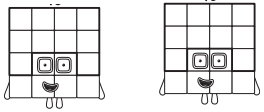
Stick!

How many 1s?

Stick!

Well done!

Snip-outs



Snip out these
Numberblocks and play
a game! Find out how on
page 4.

