

Number Explorer Missions



Look for cubes all around when you are out and about. Are any buildings cubes? How many can you find?



Go on a cube hunt at home. What's the smallest cube you can find?



Try looking for Eight's Numberling when you are out so you can warn the Numberblocks Octonaughty might be about!



Try making a cube out of square blocks. Can you do it? How many pieces are in your cube?



Play Together

Craft a Cube. Cut out the template on the extra sheet to make your own special cube. Can your child count the sides, the corners and the faces of the cube? They can also use it to complete the activities in this sheet.

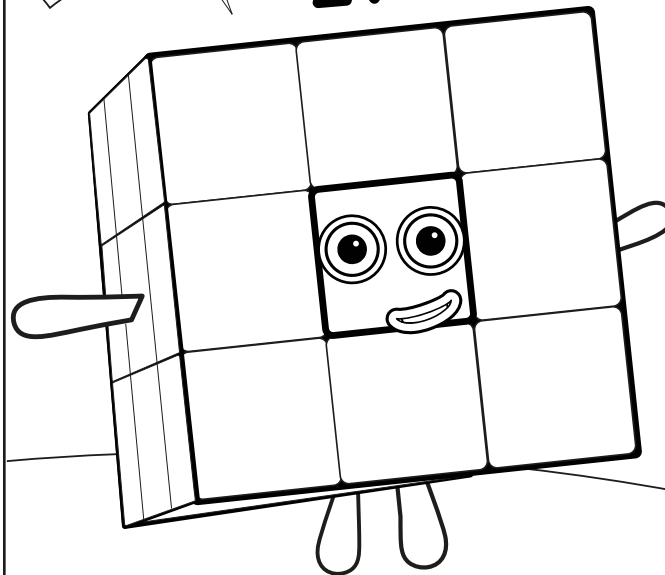
For your next mission, find the episode 'Club Picnic'

Now in 3D

This mission belongs to _____

I am Twenty-Seven, and I am a super cube!

27

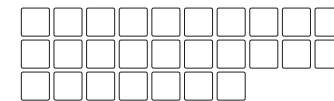


Fact File

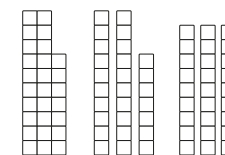
27 is this many:



Twenty-Seven has 27 blocks:



Twenty-Seven is...
27 Ones, 20 and 7,
3 lots of 9



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



Level 4



3D shapes



Now in 3D

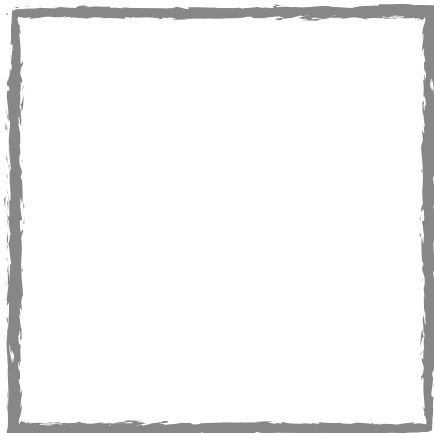
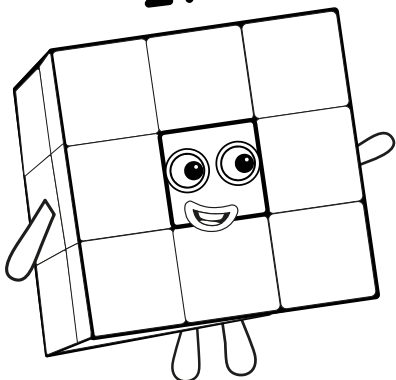
Cut out the shape on the Play Together page and help your little learner fold it into a cube. You can use this cube to help answer the questions.

2

Trace it!

Can you draw around one side of your cube to make a square like this?

27



Look at the square and the cube. Can you say what looks different and what looks the same?

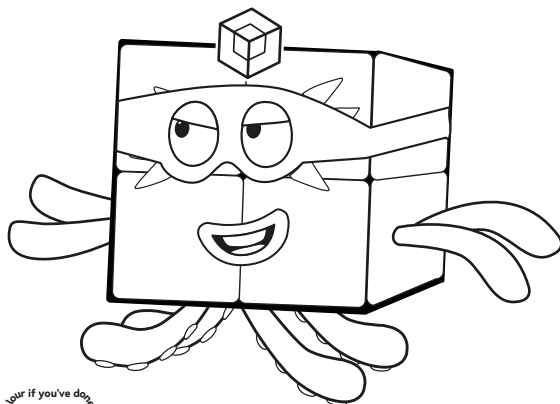


Find it!

There's a naughty cube hiding on these pages.

Help the Numberblocks stop him! When you see him, shout, "Octonaughty!"

8

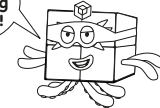


Touch and Count

3

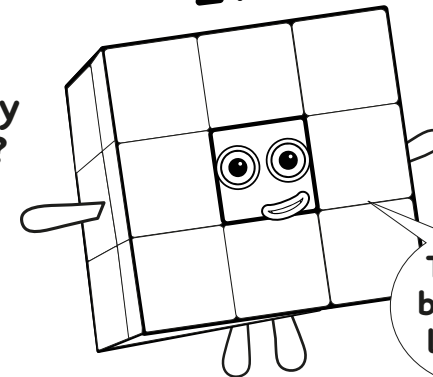
I feel like being naughty!

8



27

Look at the cube you have created. How many squares can you count?
How many sides?
How many corners?



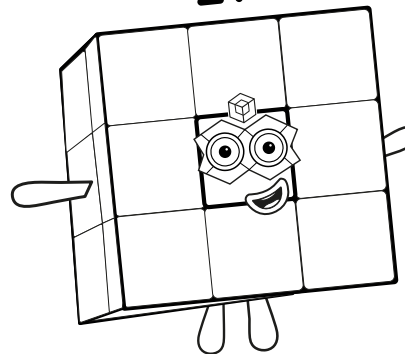
That's a big cube, like me!



What shape?

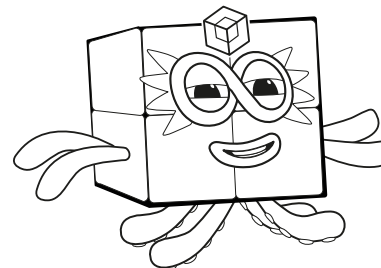
Finish this super sentence by circling what shape you can see...

27



Numberblock Eight
and Numberblock

8



Twenty-Seven are

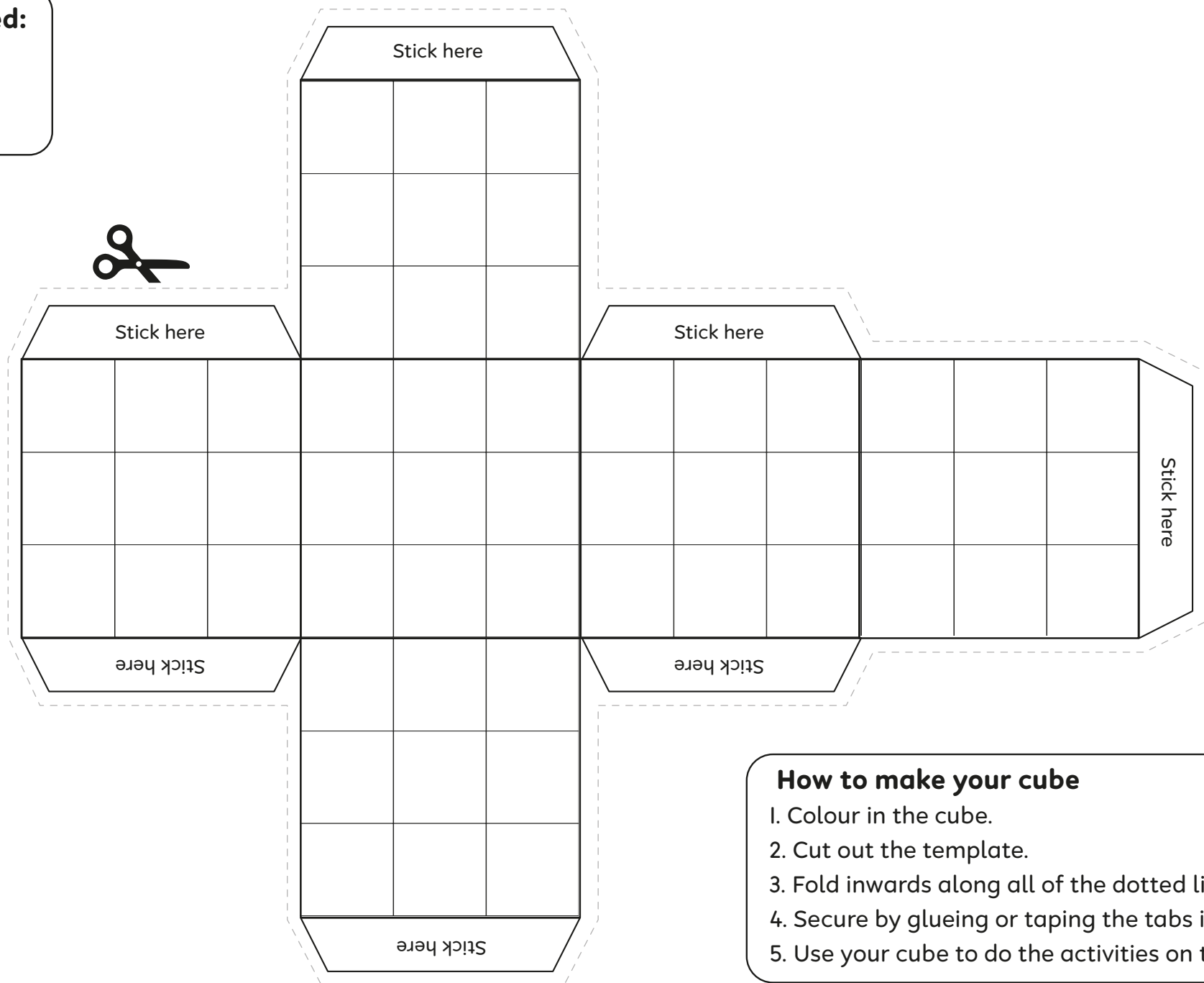
both cubes circles triangles !



Craft a Cube

You will need:

- scissors
- glue or tape
- crayons



How to make your cube

1. Colour in the cube.
2. Cut out the template.
3. Fold inwards along all of the dotted lines.
4. Secure by glueing or taping the tabs inside.
5. Use your cube to do the activities on the sheet.