

Play it!



#MathsEveryoneCanAtHome

Guess who problems are a fun way to use properties of shape and number.

Make a set of guess who problems for your family to solve. Look at our examples for some inspiration.

Use cardboard to make your own guess who game. Ask questions that can only be answered with yes or no to guess the number.

We would love to see some of your games in action!
Share your puzzles for us to solve.

Play it!



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Guess my number...

It is greater than 10 but
less than 30

It is a multiple of 5

If I divide it by 3, I get a
remainder of 1

Guess my number...

It is less than 20

It is an odd number

It's digits add up to 8

Guess my shape...

It has 2 acute angles and
2 obtuse angles.

All the sides are equal.

Guess my shape...

It has 2 flat faces and 1
curved surface.

It has no vertices.

It has 2 edges.

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You will need: 1 cardboard box, a pair of scissors and a pen.

Method

1. Cut the box along the folds into different sized rectangles.
2. Use the 2 largest rectangles to make the game boards.
3. Draw 11 flaps on the plain side of the large rectangles.
4. Use the scissors or a sharp pencil to cut round the lines.
5. Write 11 different numbers or shapes on the flaps and use the left over card to make 11 cards with the same numbers or shapes.

