

GEOMETRY

1 Challenge one

How many of the following challenges can you complete?
Tick them off as you go.

Challenge	Completed?
Throw a ball in the air, make a quarter turn and catch it.	
Throw a ball in the air, make a three-quarter turn and catch it.	
Throw a ball in the air, make a full turn and catch it.	
Using 10 pencils, how many different shapes can you make at the same time?	
Using 12 pencils and some Blu Tac, how many different shapes can you make? They do not need to be built at the same time. How will you record the different shapes you have made?	

2 Challenge two

If these shapes are the answer, what is the question?
Create your own questions, then test your family to see if they can get the answers right.








