

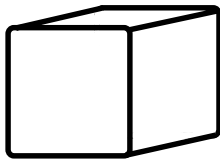
3D shapes



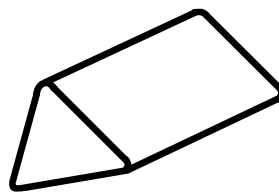
Family Maths
Toolkit

Find objects around the house which are 3D shapes and see how many 2D shapes there are on the object.

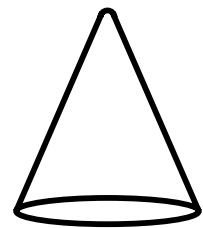
For example, a can of beans is a cylinder and it has 2 circles, one at each end and the middle is a rectangle.



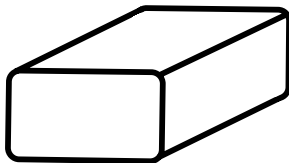
cube



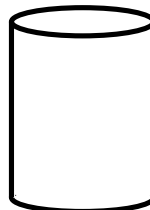
triangular prism



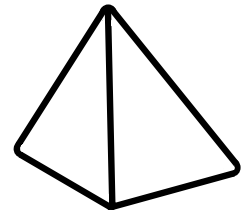
cone



cuboid



cylinder



tetrahedron

How many did you find?

Family comments:

Child comments:



Curriculum Link

Identify 2D shapes on the surface of 3D shapes, for example a circle on a cylinder and a triangle on a pyramid.

Christmas elves



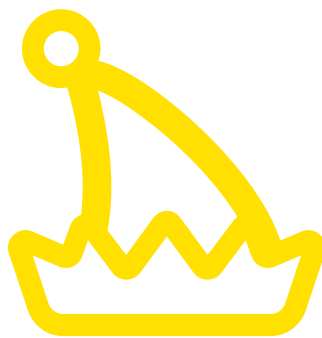
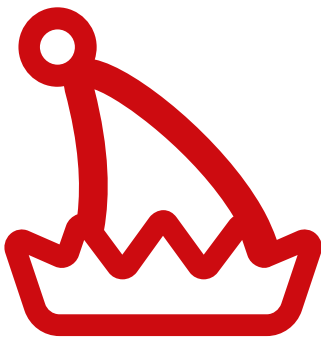
Family Maths
Toolkit

Mrs Claus made new Christmas suits for three of the workshop elves.

Each suit had matching trousers, jacket and hat.

One suit was all red, one was all green and one was all yellow. The elves were delighted with their presents, but decided it would be fun to wear a different outfit every day for as many days as possible. So they agreed to swap around parts of their suits until they ran out of new combinations.

How many days did their fun last?



Family comments:

Child comments:



Curriculum Link

Solving problems involving finding all possibilities.