

Objective: Identify and name 2D and 3D shapes.

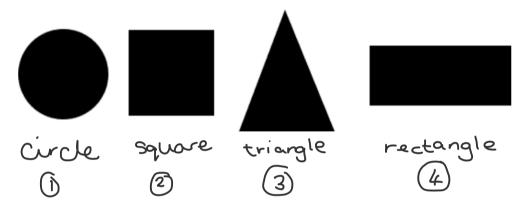
Year 1 Task: 2D and 3D shapes.

# **Shadow Play**

Age 5 to 7 \*\*\*

Here are shadows of some 3D shapes.

What could they be?



### Worked example

#### What 2D shapes can you see?

These are shadows of a 3D shape. What 3D shapes could they be? Which 3D shapes do you know that have faces like these shapes?



(2) cube cuboid

3 pyramid

(1) cuboid

#### **Notes for parents:**

Children could use the following vocabulary when talking about the 3D shapes:

- Face
- Surface
- Edges



### Hampshire Mathematics Team Home Resources



- Corners (vertices is the mathematical name)
- Point
- 2D shape names to describe the faces.

## 2D shapes:

- Sides,
- vertices (corners)

https://thirdspacelearning.com/blog/primary-maths-dictionary/ for more help.

#### **Variation**

What other shadows could the 3D shapes make that you have listed?

Draw them. Think about all the different 2D shape faces.





