

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?



circle

①



square

②



triangle

③



rectangle

④

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?

① cylinder

② cube cuboid

③ pyramid

④ cuboid

Notes for parents:

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

- Face
- Surface
- Edges

- 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.

