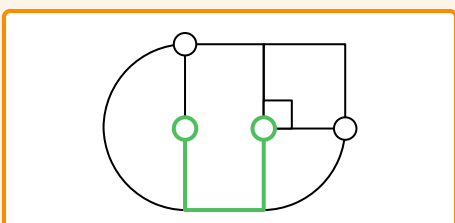
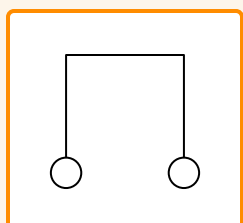


# Parts Within a Shape

In **Parts Within a Shape** questions, you will have to find an image that is hidden within a more complex shape.



There are three types of **Parts Within a Shape** question:

Which shape is **hidden** in the group?

Which shape is **not** in the group?

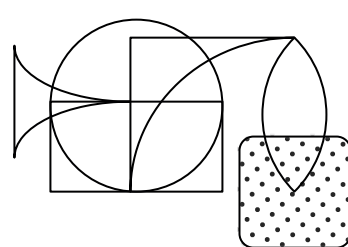
Which **group of shapes** contains the hidden shape?

Make sure you read the question carefully and understand what you need to do.

## Method

**1** Examine each shape individually and look for **identifying features**.

Identifying features are features of a shape that make it **unique** and easy to spot.



Use the mnemonic '**Never Say Stop To A Cute Panda**' to remind yourself of important **identifying features** to look for.

### Never Say Stop To A Cute Panda

**N**umber **S**ize **S**hape **T**otal **A**ngle **C**olour **P**attern

**2** Rule out any answer options that are **obviously incorrect**.

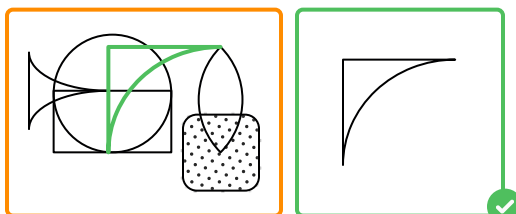
For example, look for **shapes, colours and patterns** that are clearly not seen in the group.



**3** Check the remaining options against the group of shapes.

Answer options may look **very similar** to shapes in the group so look out for **subtle differences in proportion and angle**.

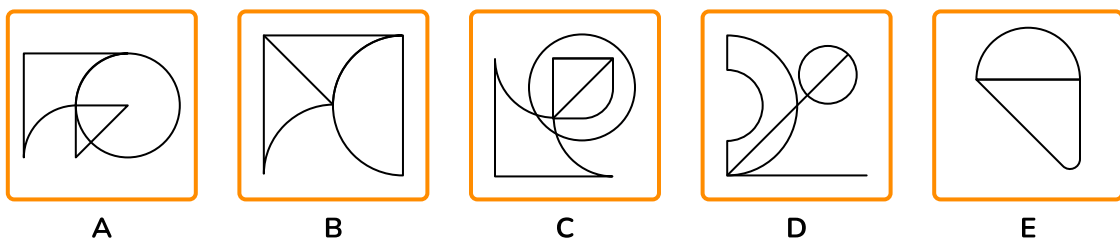
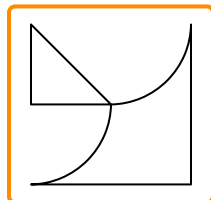
**4** You should be left with **one option** that is an **exact copy** of one of the shapes from the group!



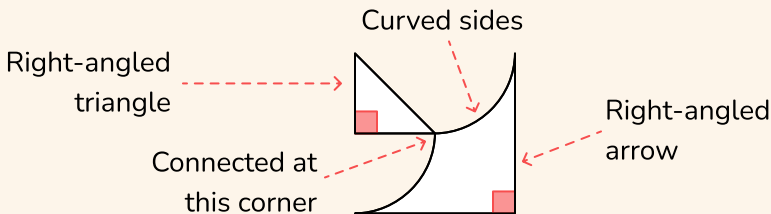
**Remember!** The correct answer may have been **resized** or **rotated** from how it is shown in the group.

## Example Question

Which group of shapes contains the following shape?



**1** Look closely at the **identifying features** of the main shape.



**2** Rule out the options that are **obviously incorrect**.

**We can rule out...**

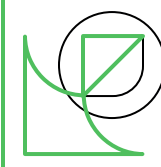
- We can rule out **D** and **E** because they do not contain anything that resembles the main shape.

**3** **Cross-reference** the remaining options with the main shape.

We can rule out **B** because there is no **right-angled triangle**.

**A** is a **red herring!** It looks very similar to the main shape, but we can rule it out because the right-angled triangle is connected to the arrow by the **wrong corner**.

**C** is the correct answer! It is the only option that contains the main shape - it has been rotated 90° clockwise.



## Top Tips

**Look out for well-hidden shapes!**

Shapes might be hidden in such a way that they form part of a larger shape. Imagine separating out each line or curve until you find the hidden shape!

