



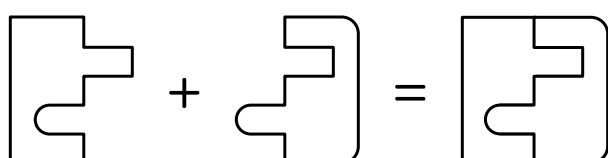
Combining Shapes

There are three types of **Shape Logic** question:

Combining Shapes

Forming a Shape

Forming a Silhouette



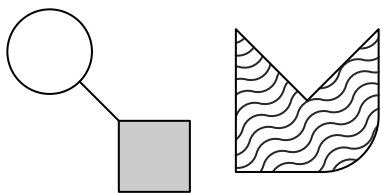
This helpsheet focuses on **Combining Shapes**. In Combining Shapes questions, you must choose the option that correctly combines two shapes into one new image.



Method

1

Look closely at each shape you need to combine and identify **key features** of each shape that need to be present in the answer.



In this example, the main **identifying features** we need to look out for are:

- colour
- pattern
- shape



Use the mnemonic '[Never Say Stop To A Cute Panda](#)' to remind yourself of important **appearance** features to look for.

Never Say Stop To A Cute Panda

Number

Size

Shape

Total

Angle

Colour

Pattern

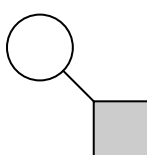


Use '**M.O.P.S.**' to remember features relating to the **position of elements** - Movement, Orientation, Placement, Symmetry. Click [here](#) to find out more!

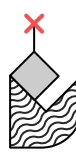
2

Focus on the **first shape** and rule out any answer options that don't contain this shape.

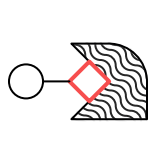
1st shape



Shape



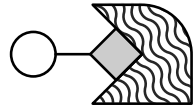
Colour



3

Repeat this process for the **second shape**.

You should be left with **one answer option** that is an **exact combination** of the two shapes!

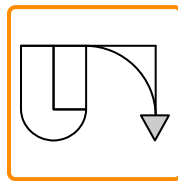
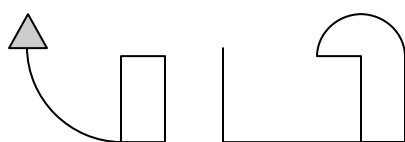


Remember! Correct answer options may have been rotated, but their proportions will always remain the same!

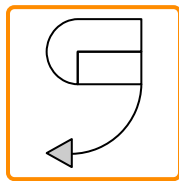


Example Question

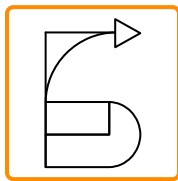
Which of the options below is a combination of these two shapes?



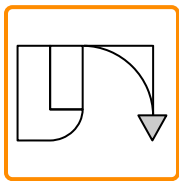
A



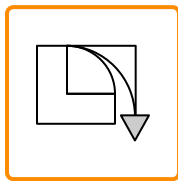
B



C



D



E

1

Look for **identifying features** in each shape.

- **First Shape:** The first shape is a grey curved arrow attached to a white rectangle at the bottom-left corner.
- **Second shape:** The second shape is made from a right angled line attached to a white shape made up of a rectangle and a semicircle on top.

2

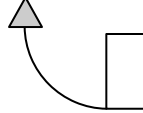
Rule out any answer options that do not contain the **first shape**.



We can rule out...

- C because the triangle is white, not grey.
- E because the rectangle is missing.

1st shape



3

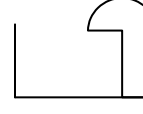
Rule out any answer options that do not contain the **second shape**.



We can rule out...

- B because the right angled line that sticks out of the 2nd shape is missing.

2nd shape



D is a red herring! It looks very similar to the correct answer, but if we look closely, we can see the dome part of the rectangular shape is different: it has a right angled corner!



A is the correct answer!

