

# Symmetry.

Start by reading through the **Learning Reminders**. They come from our *PowerPoint* slides.



Tackle the questions on the **Practice Sheet**. There might be a choice of either **Mild** (easier) or **Hot** (harder)!

Finding it tricky? That's OK... have a go with a grown-up at **A Bit Stuck?**

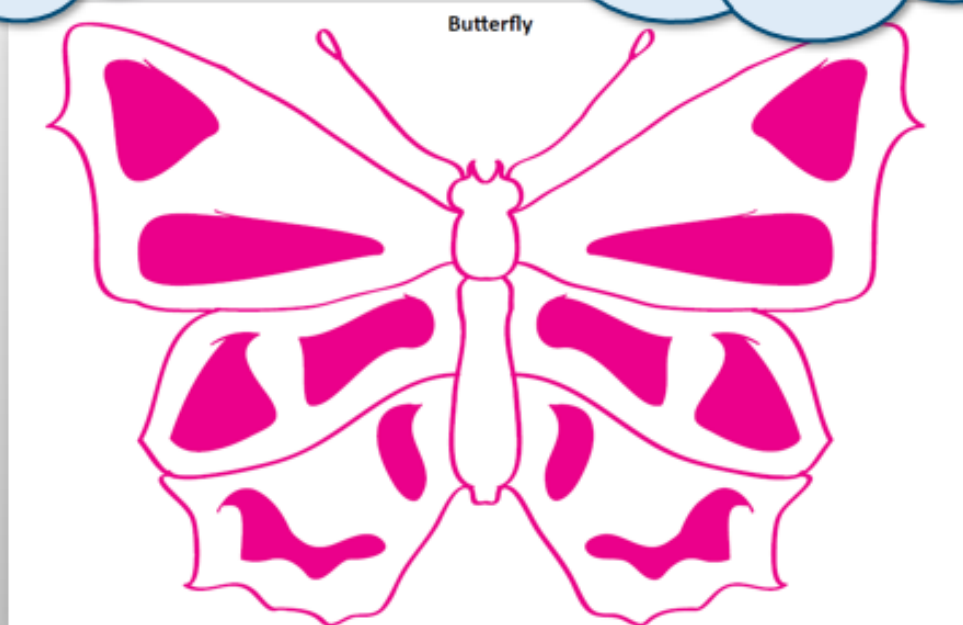
Think you've cracked it? A few questions to **Check your understanding**.  
Fold the page to hide the answers!

Understand and create symmetrical patterns.

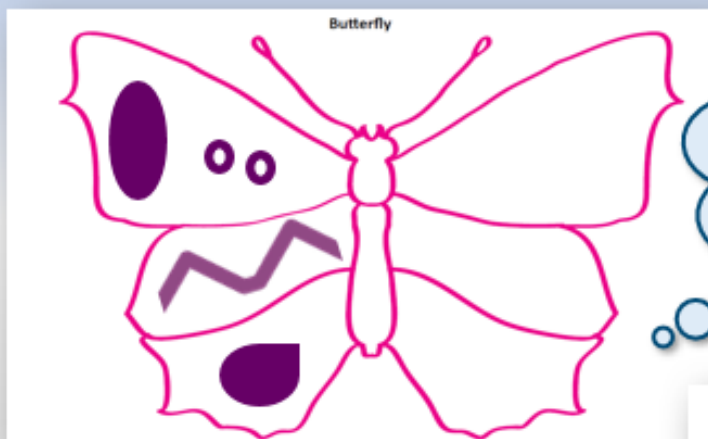
What do you notice about the pattern?



The pattern is the same on both sides.  
Butterflies have symmetrical patterns.

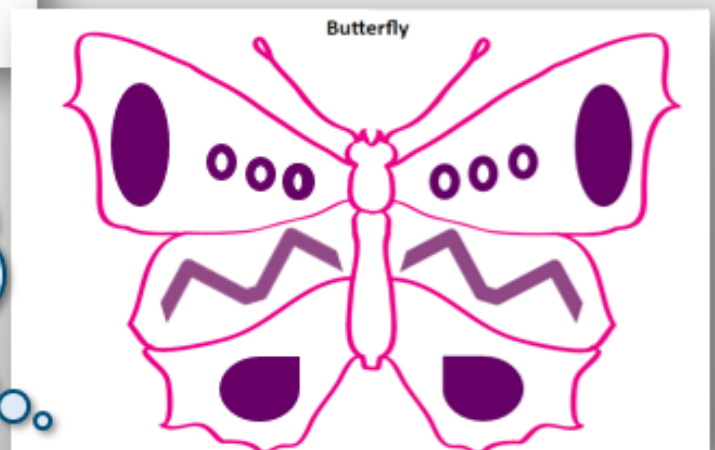


Understand and create symmetrical patterns.



To make it symmetrical, we need to draw the **exact same patterns** on the other half.

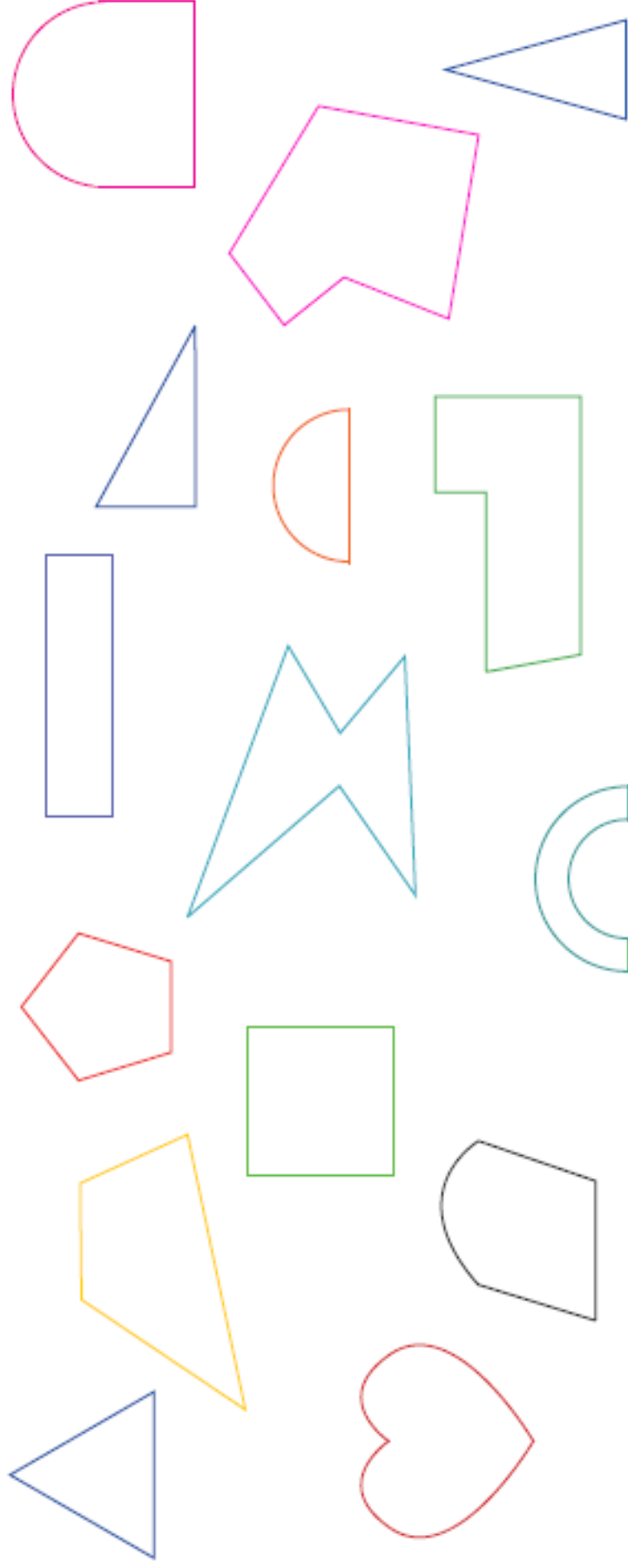
We could use a mirror to check it is symmetrical.



## Practice sheet Mild

Lines of symmetry

Identify the symmetrical and non-symmetrical shapes.

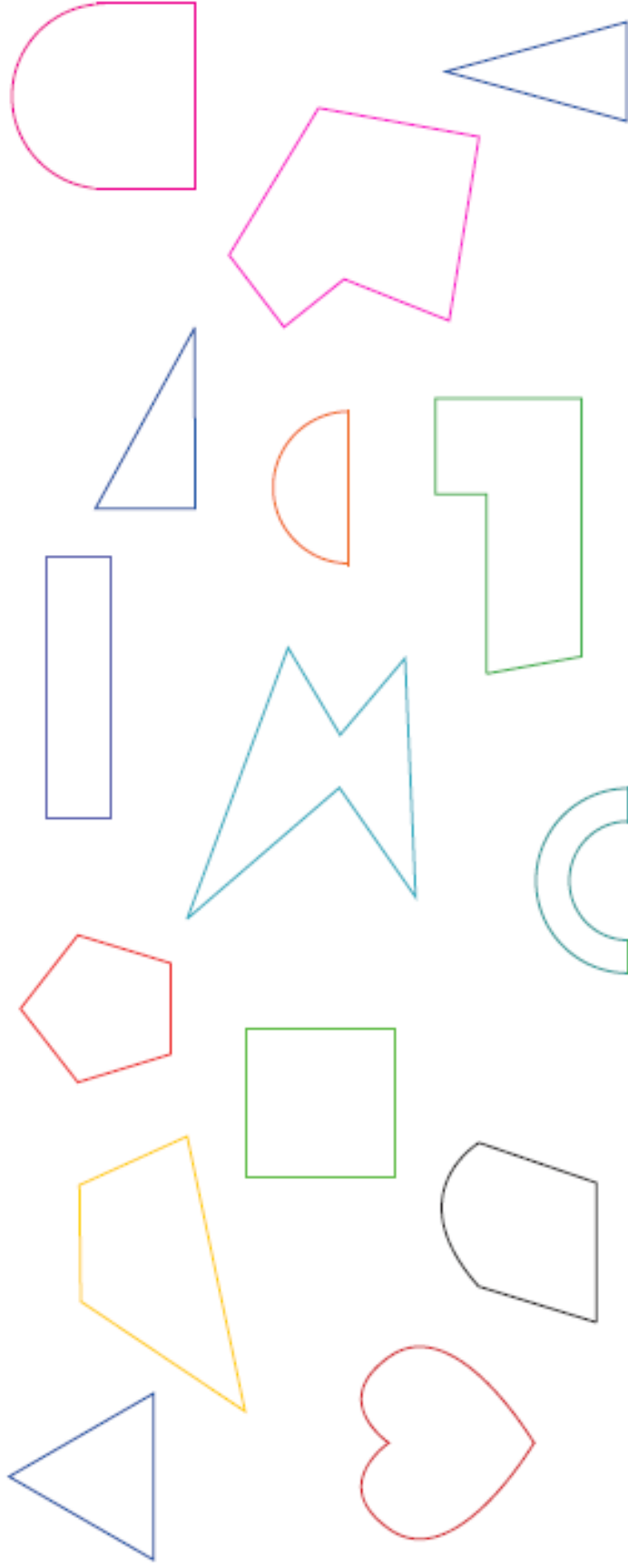
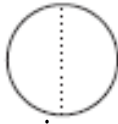


## Practice sheet Hot

Lines of symmetry

Can you draw a line of symmetry on each symmetrical shape?

You can use a mirror to help, e.g.



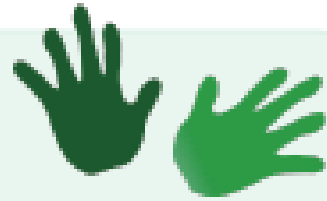
### Challenge

Do any of these shapes have more than one line of symmetry? Draw on more lines where you think they belong...

## A Bit Stuck? Send a card to a friend

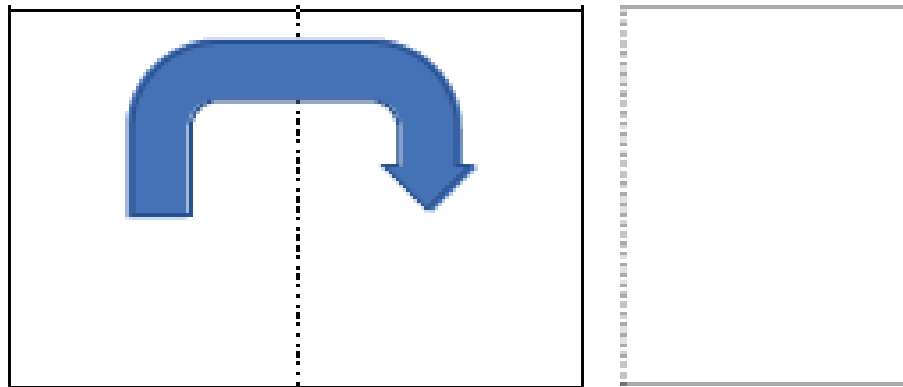
### Things you will need:

- Pieces of card
- Scissors
- Pencil and ruler



What to do:

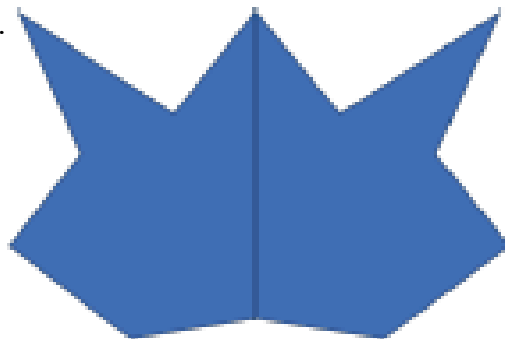
1. Fold a piece of card in half.



2. Draw a shape on the card, where the fold forms the left side, e.g.



3. Cut out the shape leaving the fold. Open to make a symmetrical shape, e.g.



4. Repeat with other shapes.

5. Choose your favourite/s to make a greetings card.

## Check your understanding

### Questions

Draw a symmetrical pattern by colouring squares on squared paper.  
You may only colour  
24 squares in all – NO more!

Draw a line of symmetry on each of these shapes:



Draw a symmetrical shape with two straight lines and one curved line.

Check your  
understanding

