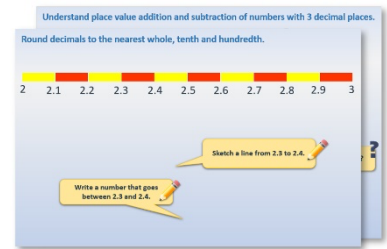


Week 6, Day 5

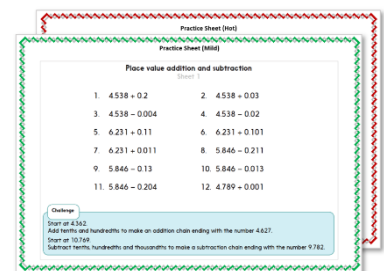
Symmetry (2)

Each day covers one maths topic. It should take you about 1 hour or just a little more.

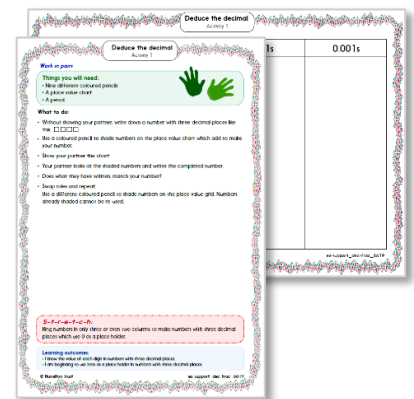
1. Start by reading through the **Learning Reminders**. They come from our *PowerPoint* slides.



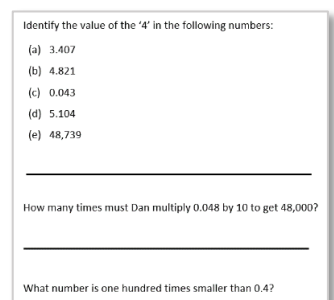
2. Tackle the questions on the **Practice Sheet**. There might be a choice of either **Mild** (easier) or **Hot** (harder)! Check the answers.



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



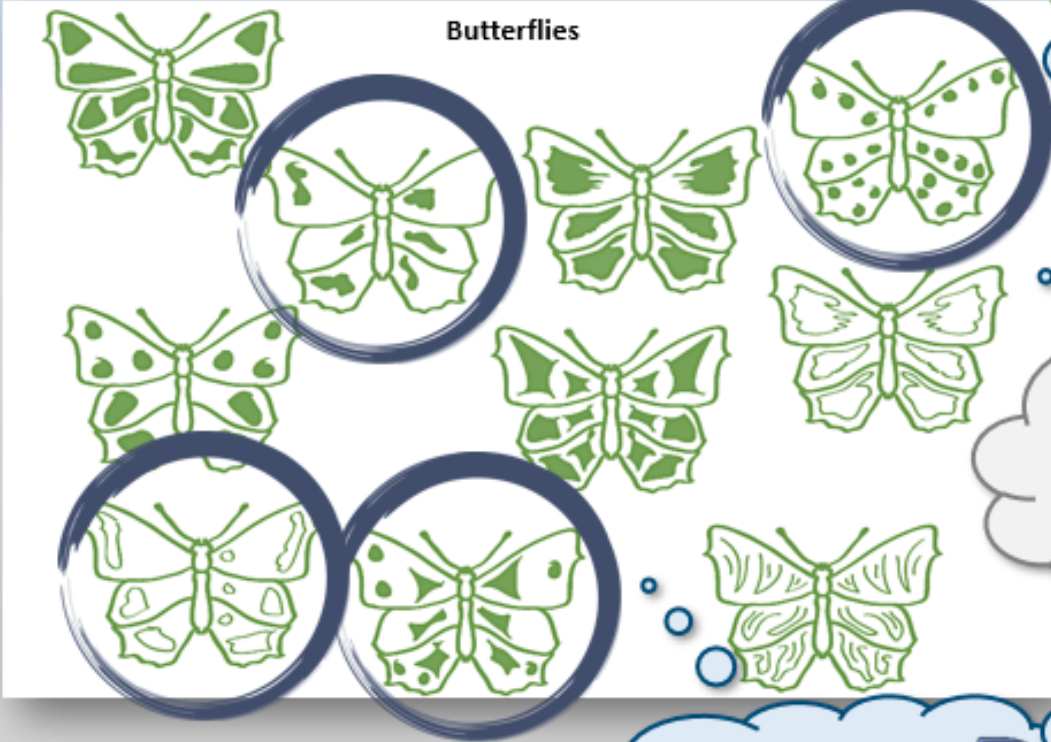
4. Have I mastered the topic? A few questions to **Check your understanding**. Fold the page to hide the answers!




Learning Reminders

Spot whether a pattern/object is symmetrical.

Butterflies



What does symmetry mean?



Which butterflies are **not** symmetrical?

Why aren't they symmetrical?

What is different?

Learning Reminders


Spot whether a pattern/object is symmetrical.

This face is mostly symmetrical. We could place a mirror on the **line of symmetry** to check what features are symmetrical.

What is different?

What is the same on both sides?

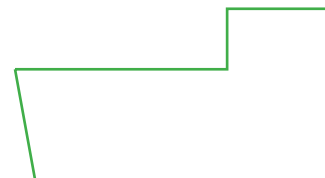
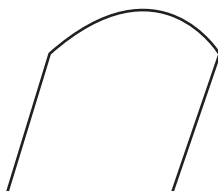
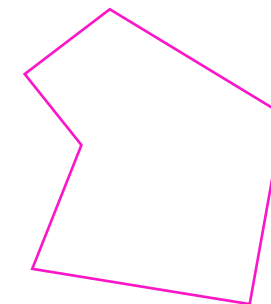
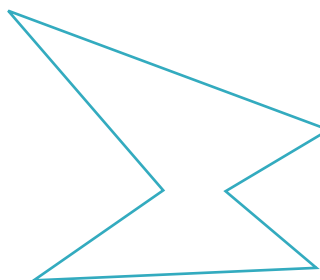
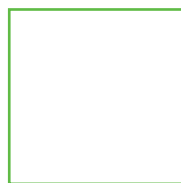
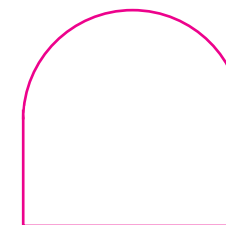
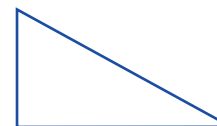
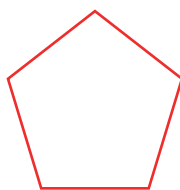
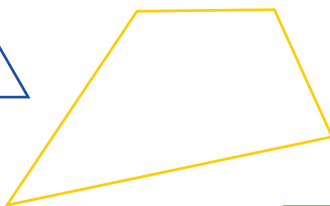
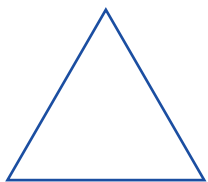
What do **you** have that is the same on both sides?



Practice Sheet Mild

Lines of symmetry

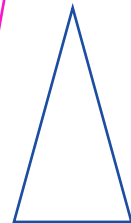
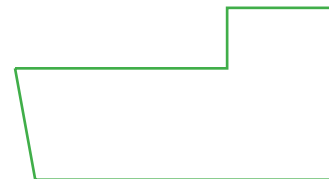
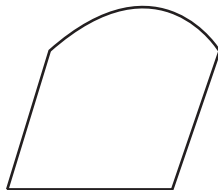
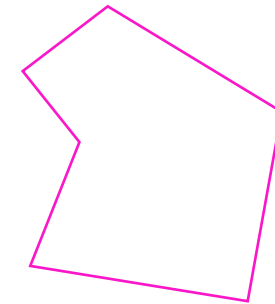
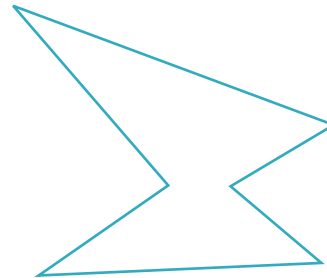
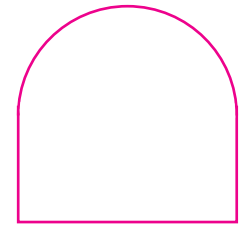
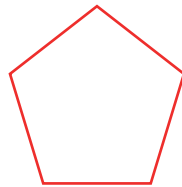
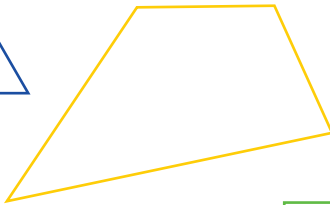
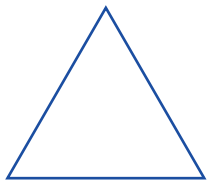
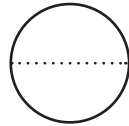
Identify the symmetrical and non-symmetrical shapes.



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.



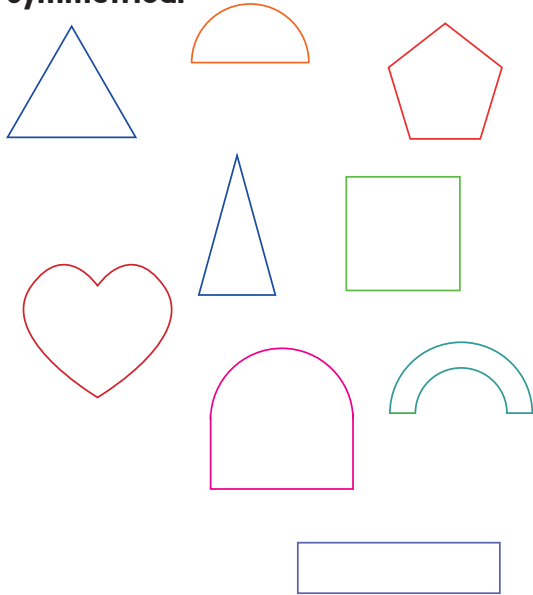
Challenge

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

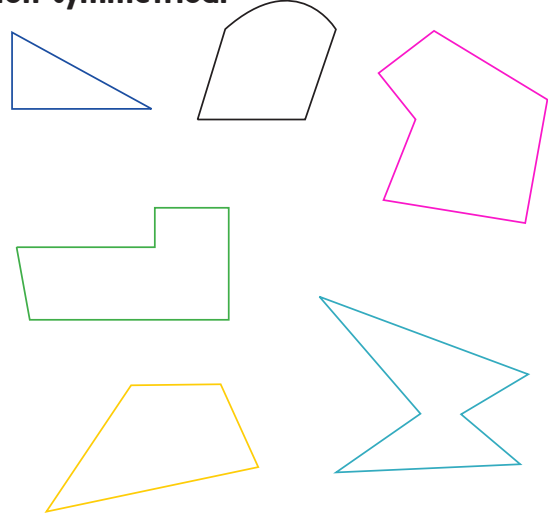
Practice Sheets Answers

Lines of symmetry (mild)

Symmetrical

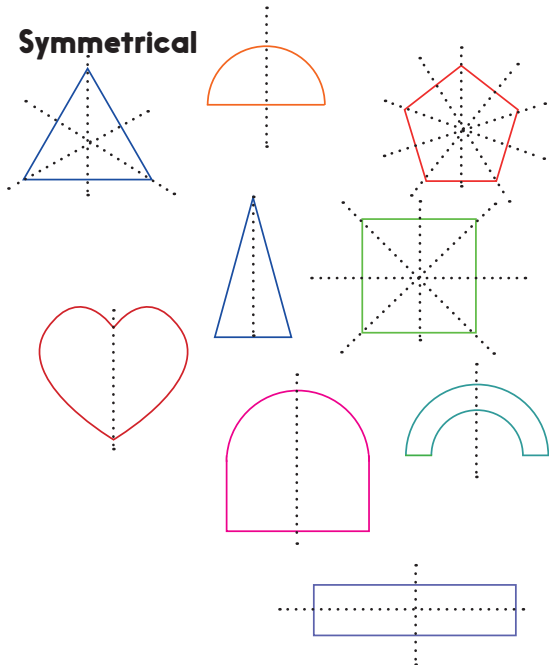


Non-symmetrical

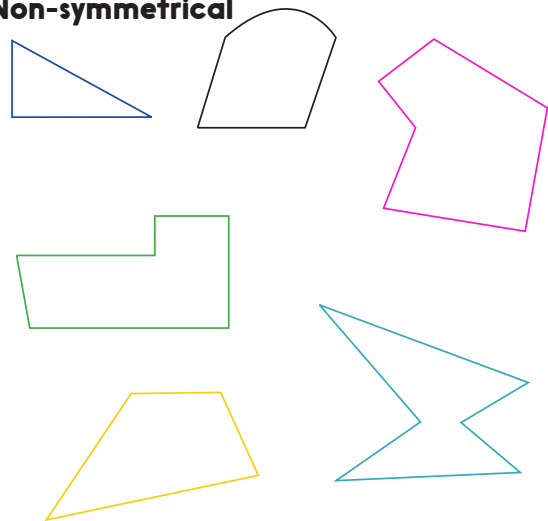


Lines of symmetry (hot)

Symmetrical



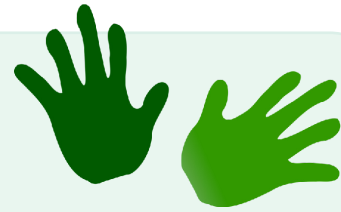
Non-symmetrical



A Bit Stuck? In the garden

Things you will need:

- Flowers, real or pictures printed from the internet
- Coloured pencils, pens and/or collage materials
- Mirror



What to do:

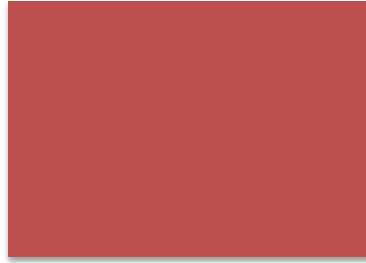
1. Look at some real flowers, or pictures of them on the internet.
Talk about their symmetry.
2. Draw, paint or use collage materials to make symmetrical flowers.
3. Use a mirror to check that they are symmetrical.

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.

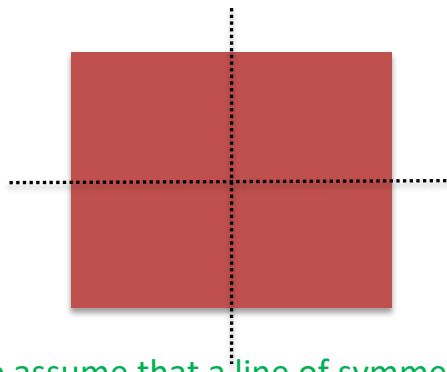
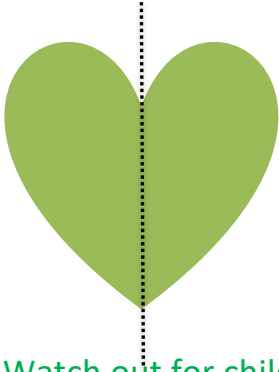
Check your understanding

Answers

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

Various answers possible – check with a mirror.

Draw a line of symmetry on each of these shapes:



Watch out for children who assume that a line of symmetry must be vertical. Check with a mirror.

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

One example is shown:



