

Can I find and identify lines of symmetry? (Y4)

### Reasoning and problem solving

This page does not need to be printed. Write the date you do the work and the above question in your book, underlining them neatly with a ruler.

1)



When given half of a symmetrical shape I know the original shape will have double the amount of sides.

Do you agree with Dora?  
Convince me.

2) How many different symmetrical shapes can you create using the given sides?



Answers are on the next page.

# Symmetric Figures

## Reasoning and Problem Solving



Dora

When given half of a symmetrical shape I know the original shape will have double the amount of sides.

Do you agree with Dora?  
Convince me.

Dora is sometimes correct. This depends on where the mirror line is. Encourage children to draw examples of times where Dora is correct, and to draw examples of times when Dora isn't correct.

How many different symmetrical shapes can you create using the given sides?



Children will find a variety of shapes. For example:

