

# Adult-led activities

## EYFS Aspect of learning

- Numbers

## Busy Ant Maths F Topic

- Solving problems

## Early learning goal

- Solves problems involving doubling and halving

### Activity 4: Finding half of a 2-D flat shape or

#### Objective

- Find half of a 2-D flat shape

#### What to do

- Remind the class that you have been learning what 'half' means. Remind them that when they cut something in half, the two parts must be the same/equal.
- 1  • Display: Slide 1 showing the partially shaded shapes. Say: **Look at these shapes. Some of these shapes have exactly half coloured grey. Put up your hand if you can see a shape that has exactly half coloured.**
- Discuss all the shapes with the children, identifying which shapes have been coloured exactly in half. For the other shapes, say: **Part of the shape has been coloured in, but the two parts are not equal. The white part is bigger than the coloured part. It is not half. The white part is more than half. The coloured part is less than half.**
- 2  • Display: Slide 2 showing the two rectangles. Say: **Here are two rectangles. Do they have half, less than half or more than half coloured?** Choose two or three children to answer, and then say: **They both have exactly half coloured. The white part is the same size as the coloured part.**
- Discuss the differences in the two shapes with the class and then say: **The rectangle has been cut in half in two different ways. You can find half of something in lots of different ways. If the two parts are the same/equal, then each is a half.**