

Year 6 Investigations – Area of Polygons

Teacher Guide

National Curriculum Objectives:

Mathematics Year 6: (6M7b) [Calculate the area of parallelograms and triangles](#)

Teaching notes:

These investigations are about finding the area of triangles, rectangles and parallelograms. The two different investigations you can carry out are:

1. Is A the same as B (rectangle)?
2. Is A the same as B (parallelogram)?

Use the question prompts if your pupils require some hints.

[More resources](#) which follow the same small steps as White Rose.

Did you like this resource? Don't forget to [review](#) it on our website.

1. Is A the same size as B? (Rectangle)

Ideas for concrete resources to provide:

- 1cm squared paper
- Ruler
- Formula for the area of a rectangle and the area of a triangle

Question prompts:

- How do you find the area of a triangle?
- How do you find the area of a rectangle?

2. Is A the same size as B? (Parallelogram)

Ideas for concrete resources to provide:

- 1cm squared paper
- Ruler
- Formula for the area of a rectangle and the area of a triangle

Question prompts:

- How do you find the area of a triangle?
- How do you find the area of a parallelogram?