

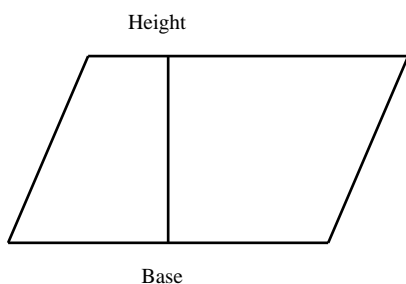
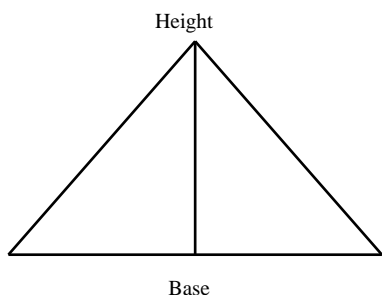
Year 6 Maths Homework – Area Detectives!

Become a Shape Detective! Find or create triangles and parallelograms at home and calculate their area.

Remember:

Triangle Area = base \times height \div 2

Parallelogram Area = base \times height



Dechrau

Find or draw 3 shapes (triangles or parallelograms). Measure the base and height and calculate the area. Draw and label your shapes.

Datblygu

Create 2 triangles and 2 parallelograms. Calculate the area of each. Which shape has the largest area? Can two different shapes have the same area? Explain.

Meistrolï

Design a mini playground using 2 triangles and 1 parallelogram. Each shape must have an area between 40 cm² and 120 cm². Show measurements, calculations and the total area.

Bonus Challenge: Can you rearrange a parallelogram to make a rectangle? Draw a diagram to prove the area formula works.