# GCSE (1 – 9)

## Similar Shapes

#### Instructions

- Use **black** ink or ball-point pen.
- Answer all Questions.
- Answer the Questions in the spaces provided
- there may be more space than you need.
- Diagrams are NOT accurately drawn, unless otherwise indicated.
- You must show all your working out.

#### Information

- The marks for each Question are shown in brackets
- use this as a guide as to how much time to spend on each Question.

### Advice

- Read each Question carefully before you start to answer it.
- Keep an eye on the time.
- Try to answer every Question.
- Check your answers if you have time at the end

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A 20 Euro note is a rectangle 133 mm long and 72 mm wide. A 500 Euro Note is a rectangle 160 mm long and 82 mm wide.

Show that the two rectangles are not mathematically similar.

(Total for Question 7 is 3 marks)