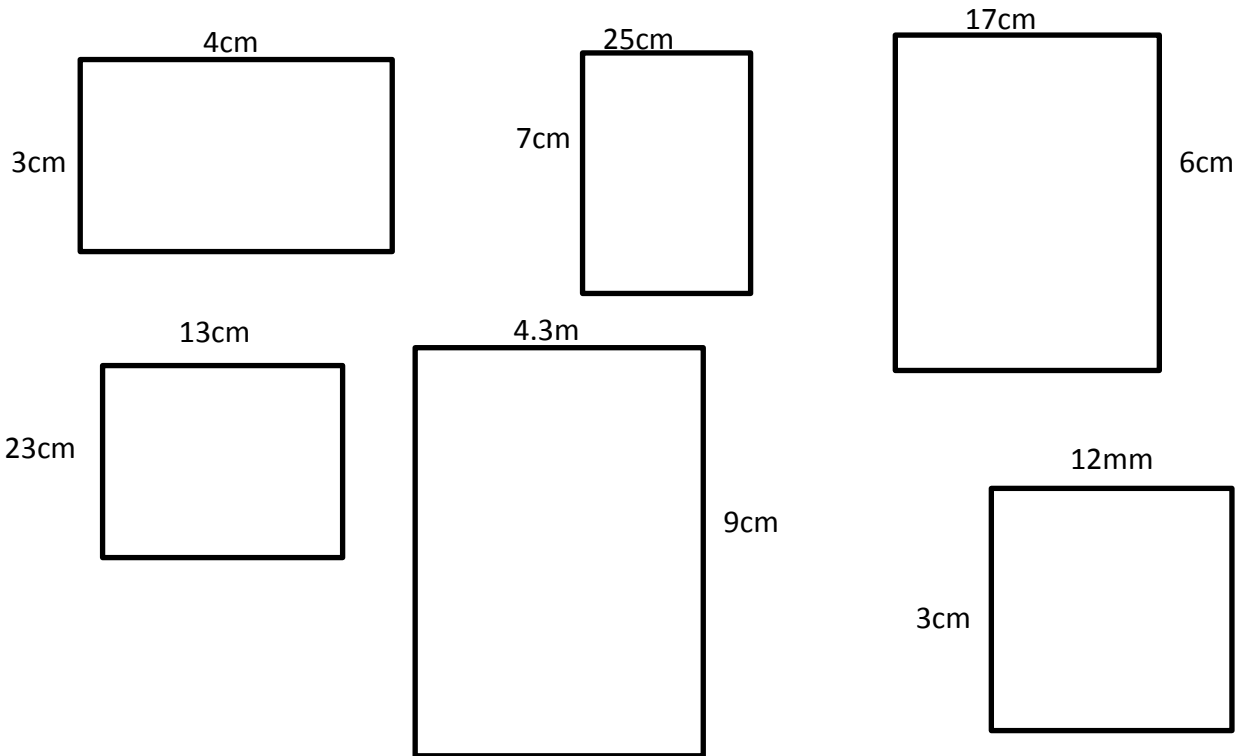


Area of rectangles and triangles

1) Find the area in cm^2 of the following rectangles



Enrichment: Area Investigations

Part A)

- 1) Sketch as many rectangles as you can which have an area of $64cm^2$.
- 2) For each of the above rectangles, find the perimeter in cm

Part B) Do the same as above, but for an area of $40cm^2$

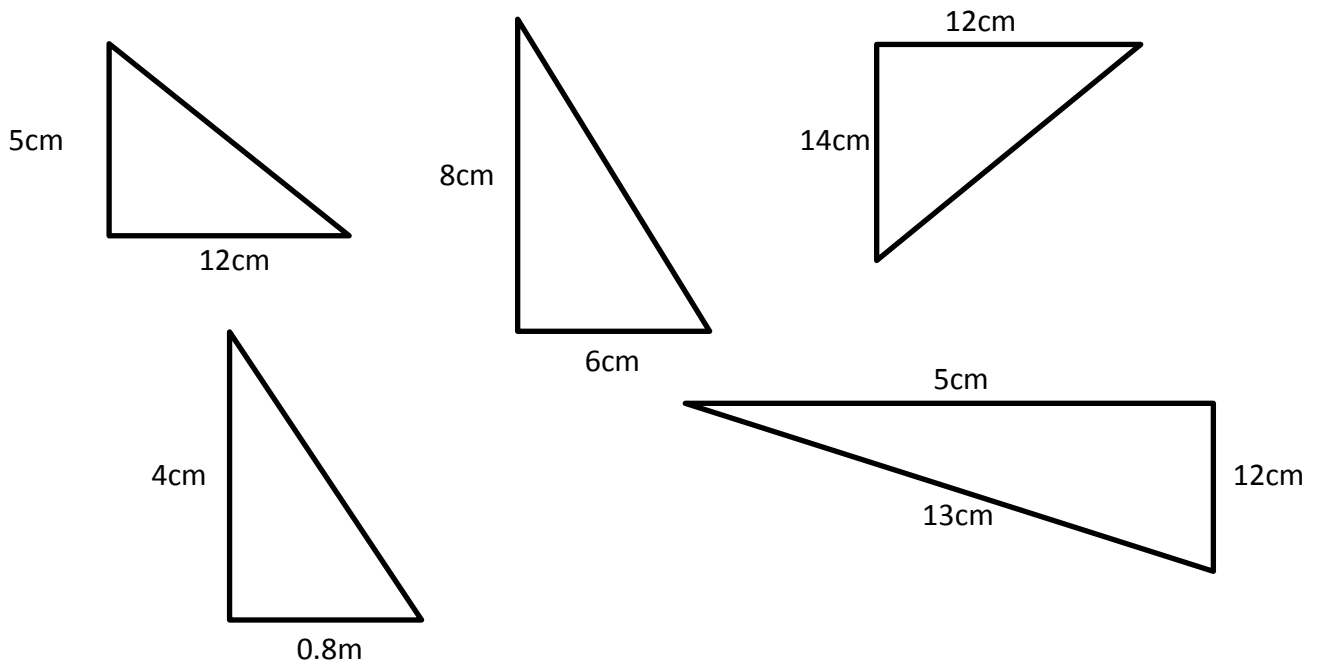
Part C) Try to sketch as many rectangles as you can where the area equals the perimeter. Do you observe any patterns in your results?

Further Extension: Non-integer variables

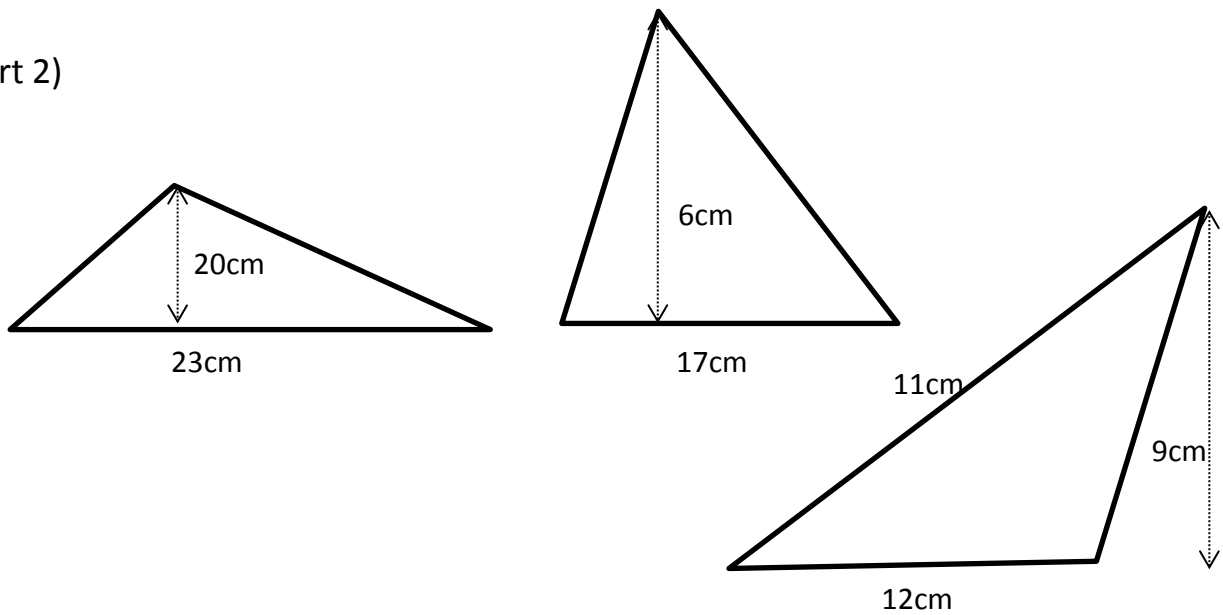
- 1) Sketch at least 5 rectangles which have an area of $1.5cm^2$
- 2) Sketch at least 5 rectangles which has got one side which is a decimal, yet the area is an integer

Find the area in cm^2 of the following triangles

Part 1)



Part 2)



Triangles and rectangles:

- 1) Sketch 5 triangles which have got an area of $20cm^2$
- 2) Suppose I have a rectangle which has got a perimeter of 20cm and one side equals 8. Sketch at least 5 triangles whose area is twice the size of this rectangle

Finding the cost of laminates

You are told that the cost of 1m^2 of material is 50pence. Find the cost of the following laminates in pounds:

