

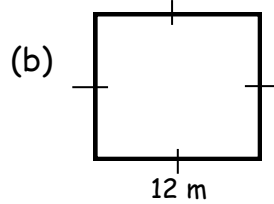
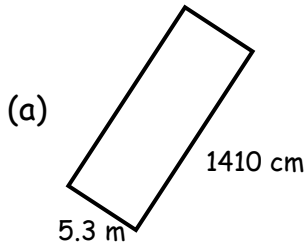
S1 Level 3 Formal Homework
(Show all working!)

Length & Area

Non Calculator Section: If working is not shown for this section then no marks will be awarded.

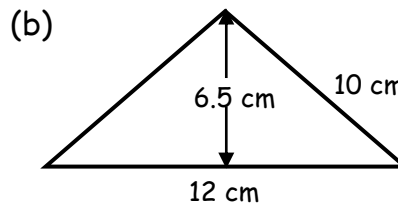
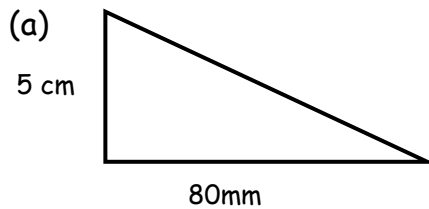
1. (a) 75% of 420 (b) $1675 - 145.48$ (c) 12.5×400

2. For **both** shapes below calculate (i) the perimeter in metres
(ii) the area in cm^2



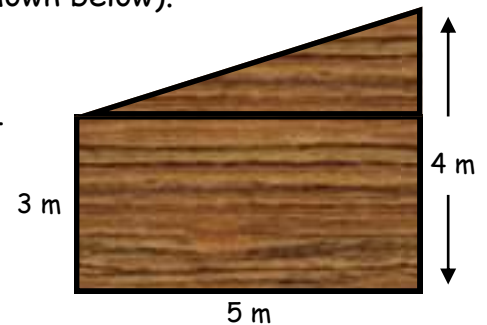
Calculators can be used for questions 2-5 but working must be shown

3. Find the area of the following triangles in cm^2 :

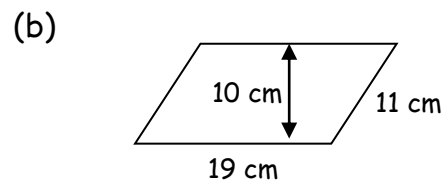
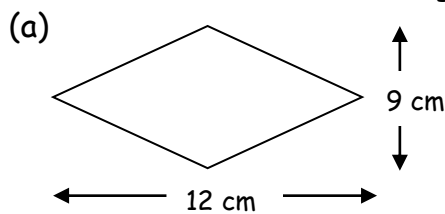


4. Sarah wants to paint the side of her garden shed (shown below).

- (a) Calculate the area of the side of the shed.
(b) One tin of paint covers 8 square metres. If a tin of paint costs £6.25 what will it cost Sarah to paint the side of her shed?
(c) Each tin holds 500 millilitres of paint. How many litres of paint will be needed to cover the side of the shed?



5. Find the area of the following quadrilaterals



Revision Section:

6. Copy the diagram and fill in **all** the missing angles (there are 5 to fill in)

