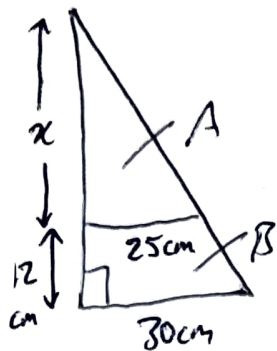


(Please do neat, <sup>organised</sup> working)

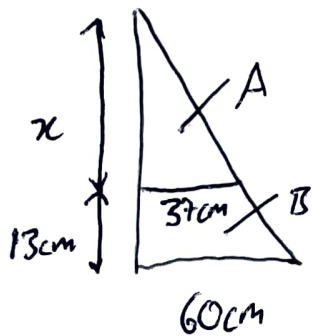
1)



Find  $x$

Find areas A, and area B  
by ratio

2)



Find  $x$

Find areas A and B

3)

Find the smallest number with 1210 <sup>proper</sup> factors (not  
one or itself), expressing your answer as a product  
of prime factors.