

14. There are two traffic lights at different intersections.  
The first light turns green every 60 seconds.  
The second light turns green every 45 seconds.  
At a certain point, both lights turn green at the same time.  
Find how many seconds it takes for both lights to turn green at the same time again.  
**Show working to support your answer.**

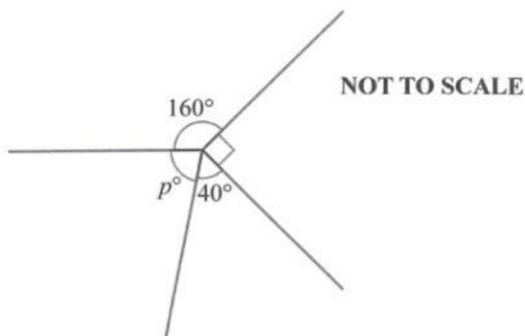


Answer: \_\_\_\_\_ [3]

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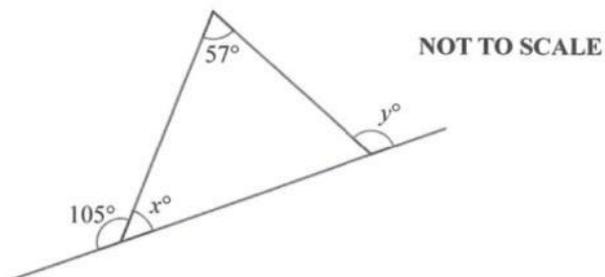
15. Find the lettered angles in the diagrams below.

(a)



$p =$  \_\_\_\_\_ ° [1]

(b)



$x =$  \_\_\_\_\_ ° [1]

$y =$  \_\_\_\_\_ ° [1]