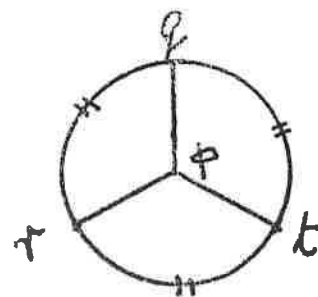


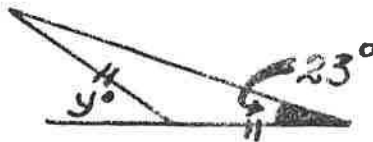
9. p is the centre of the circle. $[pr]$ is the image of $[pq]$ under the anti-clockwise rotation about p of angle



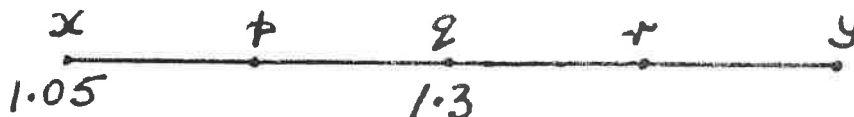
- (a) 60° (b) 120°
 (c) 180° (d) 360°

10. $y =$

- (a) 134 (b) 46
 (c) 23 (d) 44



11.



$[xy]$ is divided into four equal parts. The number 1.425 is represented by

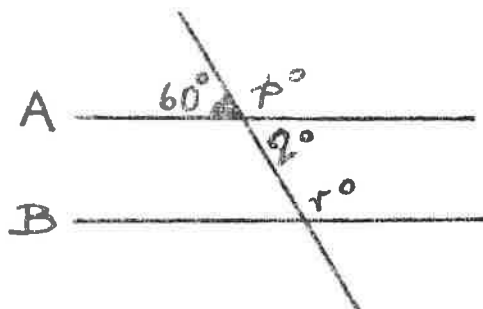
- (a) p (b) r (c) y (d) no one of these

12. $\tan 47^\circ 32'$ is

- (a) 1.0926 (b) 0.0926 (c) 0.0900 (d) 0.7377

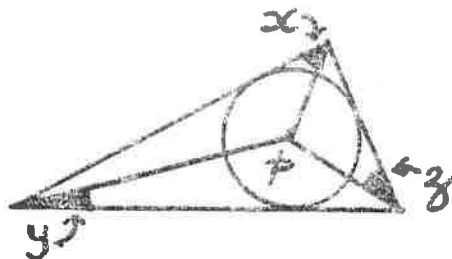
13. $A \parallel B$. Which one of the following is false ?

- (a) $r = 120$ (b) $r = p$
 (c) $r + q = 180$ (d) $p + q + r = 240$



14. p is the centre of the incircle. $x + y + z =$

- (a) 360° (b) 180°
 (c) 90° (d) 45°



15. If $A = 43^\circ 7'$, then k is

- (a) 7.3 (b) 7.304
 (c) 6.835 (d) 9.364

