

STRAIGHT LINE

1. Find the angle /w +ve direction of n-anis and line joining (2,3) & (3,2) measured anticlock.
2. A ray of light along $x+y = 2$, get reflected by x-anis, find equation of reflected ray.
3. Find angle b/w $x+y = 2023$ and $n-y = 2024$
4. Find the slope of line \perp to $x-3y = 12$
5. Find the distance of (0,0) from $x+4y = 5$ along $x-y=0$
6. If A(3,4) is the mid point of line intersecting b/w two axes find equation of line
7. Equation of AB is $3n+4y = 2$, Here ARCI is a square
find
 1. equation of CDW.
 2. find area of square.
 3. equation of AD.
8. Find x intercept of $2n+2y+8=0$
9. Find y If line Passing (3,y) and (2,7) is Parallel to the line Passing (-1,4) and (0,6)
10. If medians AD and BE of a ΔABC with vertices A(0,2), B(0,0) and C(p,0) are \perp to each other find $p^2/2$.
11. Find equation of Δ 's side of all angles are equal and equation of base $5x+12y +3=0$ and vertex is (0,2).
