

Maths : coordinate Geometry

1. State slope intercept form.
2. Find the equation of a straight line passing through (5,7) and is parallel to X axis and parallel to y axis.
3. Calculate the slope and y intercept of the straight line $8x-7y+6=0$.
- 4 . A line makes positive intercepts on coordinate axes whose sum is 7 and it passes through (-3,8). Find its equation.
5. Find the value of 'a', if the line through (-2,3) and (8,5) is perpendicular to $y=ax+2$.
6. Find the equation of the median and altitude of $\triangle ABC$ through A where the vertices are A(6,2), B(-5,-1) and C (1,9)..
7. Find the equation of a straight line which has slope $-5/4$ and passing through the point (-1,2).
8. Find the intercept made by the line on the coordinate axis $4x+3y+13=0$.