Math 10C Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Slopes, Equations and Points Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Given the line KF:
2. Find the slope of KF.
3. Draw a line through point P that is parallel to KF.
4. What is the equation of line KF? Use the Ax+By+C=0 format.
5. Solve the following to find points on the line:
6. If x =0
7. If y =0
8. Rearrange the equation so it is in the format: y =



1. Given the line.
2. Find the slope.
3. Draw a line through point P that is parallel to the given line.
4. What is the equation of the given line? Use the Ax+By+C=0 format.
5. Solve the following to find points on the line:
	1. If x =0
	2. If y =0
6. Rearrange the equation so it is in the format: y =



1. Given the line passing through two points (1,8) and (9,2).
2. Find the slope.
3. What would the slope of a line perpendicular to the given line?
4. Draw a line through point P (0,4) that is perpendicular to the given line.
5. What is the equation of the line through P? Use the Ax+By+C=0 format.
6. Solve the following to find points on the line:
	1. If x =0
	2. If y =0
7. Rearrange the equation so it is in the format: y =
8. Given two points (-4,-8) and (-1,-4).



1. Find the slope of the line joining these two points.
2. What is the slope of a line perpendicular to a line through the given points?
3. Draw a line through point P (-8,4) that is perpendicular to a line through the given points.
4. What is the equation of the line through P? Use the Ax+By+C=0 format.
5. Solve the following to find points on the line:
	1. If x =0
	2. If y =0
6. Rearrange the equation so it is in the format: y =