	Drave the class eviteric for revealed and reveardinglar lines and use	
MAFS.912.G-GPE.2.5	Prove the slope criteria for parallel and perpendicular lines and use	
	them to solve geometric problems (e.g., find the equation of a line	
	parallel or perpendicular to a given line that passes through a given	
	point).	
Item Types	Equation Editor – May require constructing an equation.	
	Multiple Choice – May require selecting from choices.	
	Open Response – May require explaining the slope criteria.	
Clarifications	Students will prove the slope criteria for parallel lines.	
	Students will prove the slope criteria for perpendicular lines.	
	Students will find equations of lines using the slope criteria for	
	parallel and perpendicular lines.	
Assessment Limits	Lines may include horizontal and vertical lines.	
	Items may not ask the student to provide only the slope of a parallel	
	or perpendicular line.	
Stimulus Attribute	Items may be set in a real-world or mathematical context.	
Response Attribute	Items may require the student to be familiar with slope-intercept	
	form of a line, standard form of a line, and point-slope form of a	
	line.	
Calculator	Neutral	

Geometry EOC Item Specifications Florida Standards Assessments

Sample Item	Item Type
The equation for line A is shown.	Equation Editor
$y = -\frac{2}{3}x - 4$	
Line A and line B are perpendicular, and the point $(-2,1)$ lies on line B.	
Write an equation for line B.	
$\bullet \bullet $	
123 x y	
456 + - • ÷	
789 < ≤ = ≥ >	
Ο Η Ο Ο () √Ο ¹ /Ο π <i>i</i>	
sin cos tan arcsin arccos arctan	