Content Standard		MAFS.4.MD Measurement and Data							
		MAFS.4.MD.3 Geometric measurement: understand concepts of angle and measure angles.							
		MAFS.4.MD.3.7 Recognize angle measure as additive. When an angle is decomposed into non-overlapping parts, the angle measure of the whole is the sum of the angle measures of the parts. Solve addition and subtraction problems to find unknown angles on a diagram in real world and mathematical problems, e.g., by using an equation with a symbol for the unknown angle measure.							
Assessment Limits		Angle sums are less than or equal to 360°.							
Calculator		No							
Acceptable Response Mechanisms		Equation Response Matching Item Response Multiple Choice Response Multi-Select Response							
Context	Allow	/able							
Context	Solve pro	blems when an angle s	Example Sum or angle measures are	e given					
context	-	omposed of three smaller angles.							
Context easier	Limit to c	one angle composed of two smaller angles.							
Context more difficult	Increase	number of angles (four or more). Angle sum determined from given parameters.							
Sample Item Stem			Response Mechanism	Notes, Comments					
A diagram of 180° is shown.			Equation Response						
1									
?/60° What is the measure of the unknown angle?									
A diagram is shown.			Equation Response						
60°									
What is th	e sum of t	he angles?							

Grade 4 Mathematics Item Specifications Florida Standards Assessments

Kyle is adding angles to create other angles.Select the angles Kyle can use to create a 128° angle.Select the angles that Kyle can use to create a 55° angle. $\boxed{64^\circ 34^\circ 30^\circ 25^\circ}$ 128° $\boxed{55^\circ}$						Matching Response	
A diagram is shown.						Equation Response	
What is the angle sum? A diagram is shown.						Equation Response	