













Multiplication Array					
	×				
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Multiplication Array						
	×	a	b	С		
-	d	ad	bd	cd		
-	е	ae	be	се		
(a + b + c)(d + e) = ad + bd + cd + ae + be + ce						







Reasoning and Sense Making

 Reasoning involves drawing conclusions on the basis of evidence or assumptions. It often begins with explorations, conjectures, or false starts. [...] Sense making involves developing an understanding of a situation, context, or concept by connecting it with existing knowledge. Reasoning and sense making are closely intertwined and interdependent.

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NCTM. (2010). Executive Summary: Focus in High School Mathematics: Reasoning and Sense Making. Reston, VA: author.

















Dec	imal Maze
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10/11/2012





Play Anywhere. Learn Everywhere.

























































Calculation Nation®



"Psychological Moratorium" Principle

 Learners can take risks in a space where real-world consequences are lowered

– James Gee

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antrator	Sq	uare Off
		 Refer to your handout. It is your turn. Create a rectangle with a perimeter of 28 units. What is your best move?
Tree Online at: calculationnation.	acim.org www.acim.org	NATIONAL COUNCIL OF TEACHERS OF MATHEMATICS

Considerations for Best Move							
 After no the loca 1. What are all the loca 	 After noting the scheme used for scoring and the locations of the spaceships remaining: 1. What are all the possible dimensions of rectangles you could draw? Find area and points too. 						
Dimensions							
Area							
Points							
 What move would capture the largest area? What is the area? Draw the rectangle above. What move would capture the most spaceships? How many ships? Draw the rectangle above. 							





















