

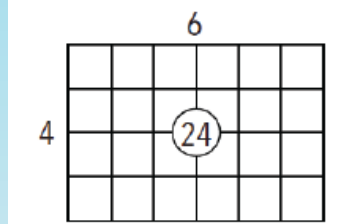
ONGOING ASSESSMENT PROJECT

Multiplicative Reasoning

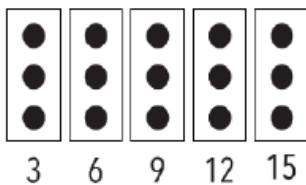
	30	+	8	
20	600		160	
+				
6	180		48	

$38 \times 26 = 988$

Area Model - $6 \times 4 = 24$



Equal groups in an array



- Session 0: OGAP Overview
- Session 1: What is Multiplicative Reasoning?
- Session 2: Big Ideas
- Session 3: Properties of Operations
- Session 4: Structures of Problems
- Session 4.2: Interpreting and Solving Word Problems
- Session 5: Meaning of the Quantities
- Session 6: Understanding Algorithms
- Session 7: Additive to Multiplicative
- Session 7.2: Subitizing
- Session 8: Using OGAP Pre-assessments
- Session 9: Developing Math Fact Fluency
- Session 10: Division
- Session 11: Navigating the Item Bank