Content Standard		**MAFS.3.NBT** *Number & Operations in Base Ten*
		MAFS.3.NBT.1 *Use place value understanding and properties of operations to perform multi-digit arithmetic.*
		MAFS.3.NBT.1.3 Multiply one-digit whole numbers by multiples of 10 in the range 10–90 (e.g., 9 × 80, 5 × 60) using strategies based on place value and properties of operations.
Assessment Limits		*N/A*
Calculator		No
Acceptable Response Mechanisms		Equation Response Matching Item Response Multi-Select Response
Context	Allowable	

Example	
Context	Multiply a one-digit number by 20 or 50 (parallel to skip counting by 2s, and 5s in earlier grades).
Context easier	Multiply a one-digit number by 10 (parallel to skip counting by 10s in earlier grades). The one-digit number and the multiple of 10 have the same digit in the ones and tens place, respectively.
Context more difficult	Multiply a one-digit number by 30, 40, 60, 70, 80, or 90 (parallel to skip counting, which becomes more difficult with larger single digit whole numbers).

Sample Item Stem	Response Mechanism	Notes, Comments
Multiply 3 x 10.	Equation Response	
Multiply 9 x 90.	Equation Response	
Find the product of 7 x 50.	Equation Response	
Select all expressions that have a product of 320. o 3 x 90 o 4 x 80 o 5 x 60 o 8 x 40 o 9 x 30	Multi-Select Response	
Ms. Yost has 10 boxes of markers. Each box contains 5 markers. How many markers does Ms. Yost have in total?	Equation Response	

Mr. Engle has 10 tables in his classroom. There are 3 students at each table. Each student has 8 glue sticks. ▪ How many glue sticks are at each table? ▪ How many glue sticks do Mr. Engle's students have in total?	Equation Response	