

## Smarter Balanced Assessment Item Illustrating 4.OA.C.5

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**Example Stem:** A pattern is generated using this rule: Start with the number 5 as the first term and add 2.  
Select True or False for each statement about the pattern.

	True	False
The terms alternate between even and odd numbers.		
Each term is greater than the term before it.		
All possible multiples of 5 are terms in the pattern.		

### Answer Key

F; T; F

### Elaboration on Alignment

This item nicely attends to the second part of standard 4.OA.C.5 that requires students to notice something about a particular pattern that may not have been evident based on the pattern's rule alone. There is also a subtle connection to standard 4.OA.B.4 by introducing the term "multiples" in a way that reinforces students' understanding of that concept in a slightly different context.

### Learn More

Learn more with the [MATH Assessment Item Alignment Modules](#) at [www.achievethecore.org](http://www.achievethecore.org).