

Smarter Balanced Assessment Item Illustrating 4.NBT.A.2

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Select True or False for each comparison.

	True	False
$4581 > 4000 + 800 + 50 + 1$	<input type="checkbox"/>	<input type="checkbox"/>
40 hundreds + 50 tens + 81 ones = 4581	<input type="checkbox"/>	<input type="checkbox"/>
4 thousands + 8 hundreds + 1 ten + 5 ones < 4581	<input type="checkbox"/>	<input type="checkbox"/>

Answer Key

False, True, False

Elaboration on Alignment

This central concern of the item is comparing multi-digit numbers “based on meanings of the digits in each place.” Because numerals and base ten units are both used in the item, the comparisons assess conceptual understanding more thoroughly than previous tests might. (Note for example that the middle comparison hinges on the way base ten units bundle into larger base ten units.) Compared to a single prompt, the matching table format provides more information about the depth of students’ understanding. Note that the item doesn’t address all parts of the standard (such as writing numbers in various forms, for example.)

Learn More

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