

Smarter Balanced Assessment Item Illustrating 6.EE.B.5

© ITEM RETRIEVED WITH PERMISSION FROM THE SMARTER BALANCED 2015 GRADE 6 PRACTICE TEST. AVAILABLE FROM [HTTP://WWW.SMARTERBALANCED.ORG/ASSESSMENTS/](http://www.smarterbalanced.org/assessments/); ACCESSED APRIL 2016. PLEASE CONTACT SMARTER BALANCED DIRECTLY FOR ADDITIONAL INFORMATION ON TERMS OF USE.

Consider the inequality $x > 7$.

Determine whether each value of x shown in the table makes this inequality true. Select Yes or No for each value.

	Yes	No
22	<input type="checkbox"/>	<input type="checkbox"/>
-7	<input type="checkbox"/>	<input type="checkbox"/>
13	<input type="checkbox"/>	<input type="checkbox"/>
5	<input type="checkbox"/>	<input type="checkbox"/>
-39	<input type="checkbox"/>	<input type="checkbox"/>

Answer Key

22 Y; -7 N; 13 Y; 5 N; -39 N

Elaboration on Alignment

This item type, sometimes called “matching tables,” works particularly well with standard 6.EE.5 because of the requirement for students to determine whether each value from a set of values satisfies the inequality. Matching item types with the expectations set forth by the standards is an important consideration in test development.

Learn More

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