

## Smarter Balanced Assessment Item Illustrating 6.NS.C.6b

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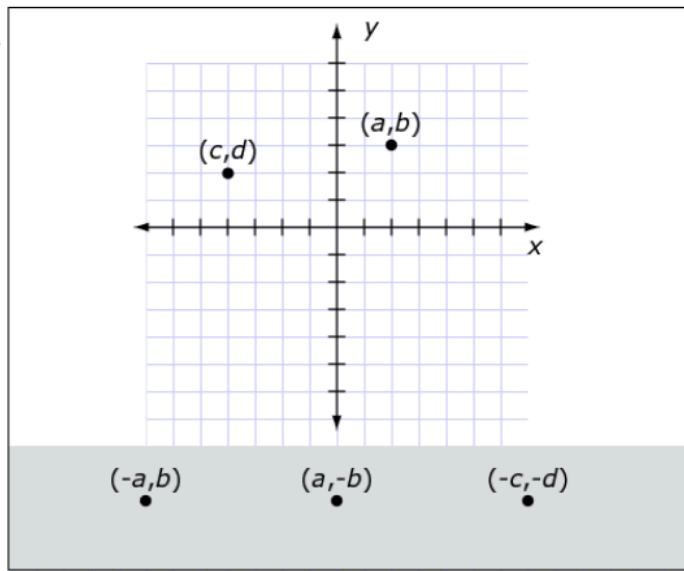
1859



Two ordered pairs are shown on a coordinate grid.

Drag each ordered pair to its correct location on the coordinate grid.

- $(-a, b)$
- $(a, -b)$
- $(-c, -d)$



### Answer Key

Student drags each ordered pair to its correct location on the coordinate grid.

### Elaboration on Alignment

This item measures conceptual understanding required by the grade 6 Number System domain. The item author nicely embodies the language of this particular standard, choosing to use variables instead of numbers for the ordered pairs. It is common for students to look at the point labeled  $(c, d)$  and think that there is an error (i.e., that it should say “ $-c$ ”) which provides a nice opportunity for rich discussion that digs deeply into the concepts articulated in the grade 6 NS domain.

### Learn More

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