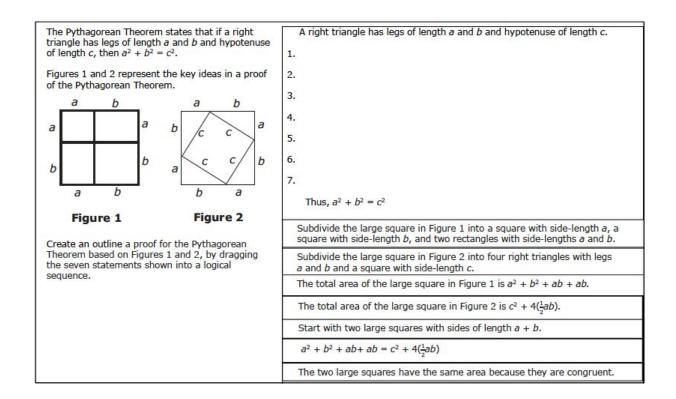
Smarter Balanced Assessment Item Illustrating 8.G.B.6

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Answer Key

The student drags the steps of the proof into a logical order. Note that 1 must be first and 7 must be last and 2 must precede 5 and 3 must precede 6, but any other permutations are allowed as long as they are consistent with these constraints).

Elaboration on Alignment

Standard 8.G.B.6 requires students to explain a proof of the Pythagorean Theorem. This item requires students to create a logical sequence in which to structure the statements based on given figures supporting a proof of the Pythagorean Theorem. Since assessments often have limited real estate dedicated to open-ended constructed response item types, developers must be thoughtful in creating items that still measure the demands of standards that ask students to "explain."

Learn More

Learn more with the <u>MATH Assessment Item Alignment Modules</u> at www.achievethecore.org.