

Smarter Balanced Assessment Item Illustrating 6.EE.A.2c

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The expression $\frac{5}{9}(F - 32)$ can be used to determine the equivalent temperature in degrees Celsius (C) for a given temperature in degrees Fahrenheit (F).

Enter the temperature, in degrees Celsius (C), equal to 113 degrees Fahrenheit (F).

Answer Key

45

Elaboration on Alignment

The work of 6.EE.A moves students from the study of numerical expressions in 5.OA to work with algebraic expressions, diving deeply into the concept of a variable representing a quantity in an expression that can take different values. 6.EE.A.2c specifically requires students to evaluate expressions for given values of their variables, including expressions that arise from formulas as shown in this example item.

Learn More

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