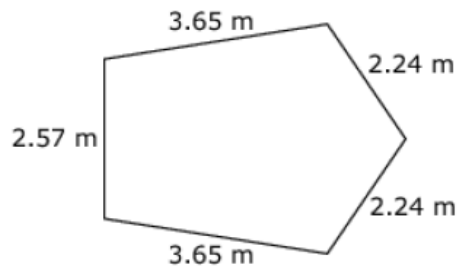


Smarter Balanced Assessment Item Illustrating 5.MD.A.1

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Use this pentagon to solve the problem.



Enter the perimeter, in **centimeters**, of the pentagon.

Answer Key

1435

Elaboration on Alignment

This item illustrates how assessment items can portray a coherent picture of the mathematics students are learning. The primary alignment of this item is to 5.MD.A.1 because the student is asked to report the answer in centimeters and the measurements are given in meters.

However, the author carefully attends to the content limit for decimal operations set in 5.NBT.B.7 which allows for decimals to hundredths and integrates the concept of perimeter first introduced in grade 3. A student can convert measurement units and then add or add first and then convert from meters to centimeters to solve this problem.

Learn More

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