

Sample Test Item Preview

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General Information

Related Benchmark: [MAFS.912.G-GPE.2.7](#)

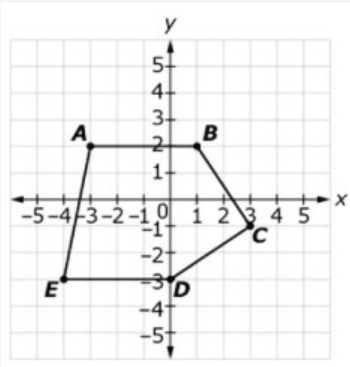
Reporting Category: Geometry: Expressing Geometric Properties with Equations

Type: EE: Equation Editor

Difficulty: N/A

Question:

Polygon ABCDE is shown on the coordinate grid.



What is the perimeter, to the nearest hundredth of a unit, of polygon ABCDE?

Answer Key:

20.31

Aligned Standards

Code	Description
MAFS.912.G-GPE.2.7:	<p>Use coordinates to compute perimeters of polygons and areas of triangles and rectangles, e.g., using the distance formula. ★</p> <p>Clarifications:</p> <p>Geometry - Fluency Recommendations</p> <p>Fluency with the use of coordinates to establish geometric results, calculate length and angle, and use geometric representations as a modeling tool are some of the most valuable tools in mathematics and related fields.</p>