GRADE 7 MATH · CLASSWORK · ADVANCED

Draw a Figure Using Technology

SCORE / 25

01 Part A · Practice

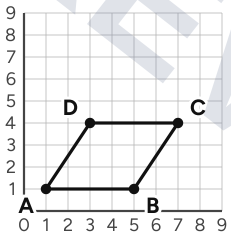
Apps place points by coordinates; use them to find sides and name the figure.

EXAMPLE

An app shows $A(1,1)$, $B(6,1)$, $C(6,4)$. Where does D go for rectangle $ABCD$?

1. D has the same x as A: 1.
2. D has the same y as C: 4.
3. $D(1,4)$; the sides are 5 and 3 units.

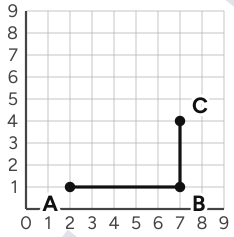
1 ●○○ The app shows quadrilateral $ABCD$. Name the figure and find the length of side AB.



2 ●○○ In an app, square $ABCD$ has side 2 and $A(3,6)$ is its lower left vertex. Give the other three vertices.

3 ●○○ An app draws rectangle $A(1,3)$, $B(4,3)$, $C(4,5)$, $D(1,5)$. Find its length, width, and perimeter.

4 ●○○ In a geometry app, you place A, B, and C. Where should D go to make rectangle $ABCD$? Give its coordinates.



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Preview - the full worksheet and its answer key are at primeworksheet.com