Real-World Coordinate-Plane Problems; Perimeter

Independent Set 6.06

Name_____
Date_____
Period_____

Six questions, on your own, in silence. Show the step that does the work.

1. Find the perimeter of the triangle $(-8, -3)$, $(2, -3)$, $(-3, 9)$. It has no right angle.

2. Find the perimeter of the triangle $(-4, 1)$, $(2, 1)$, $(2, -4)$, to the nearest tenth.

3. Find the perimeter of the parallelogram $(-4, -5)$, $(2, -5)$, $(7, 7)$, $(1, 7)$.

4. On a map in blocks, Kai's home is at $(-6, -5)$ and his school at $(3, 7)$. How much shorter is the straight line than the streets?

5. On a map in miles, a dock is at $(-4, 3)$ and an island at $(3, -5)$. How far apart are they, to the nearest tenth?

6. A rectangle has corners $(-3, -2)$, $(2, -2)$, $(2, 10)$ and $(-3, 10)$. How long is a diagonal?