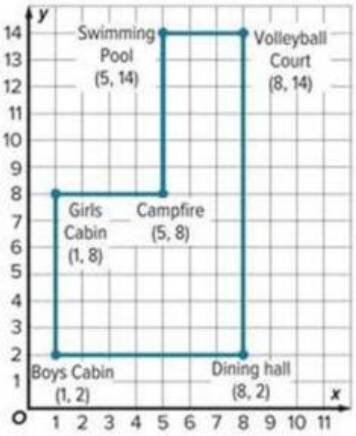
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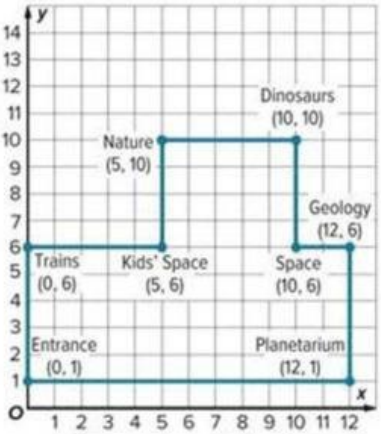
## Lesson 8.5 Polygons on the Coordinate Plane

**1.** Find the perimeter of the summer camp shown on the coordinate plane. (Example 1)




Perimeter = units

**2.** Find the perimeter of the science center shown on the coordinate plane. (Example 1)




Perimeter = units

**3.** A rectangle has vertices $W(2, 7)$, $X(2, 0)$, $Y(6, 0)$, and $Z(6, 7)$. Use the coordinates to find the perimeter of the rectangle. (Example 2)

Perimeter = units

**4.** A rectangle has vertices $H(3, 0)$, $I(3, 7)$, $J(6, 7)$, and $K(6, 0)$. Use the coordinates to find the perimeter of the rectangle. (Example 2)

Perimeter = units

**5.** A polygon has vertices $A(3, 3)$, $B(3, 6)$, and $C(9, 3)$. Find the area of the polygon (Example 3)

Area = units squared

**6. Multiple Choice** A polygon has vertices $J(2, 3)$, $K(4, 3)$, $L(4, 7)$, and $M(2, 7)$. What is the area of the polygon? (Example 3)

(A) 8 square units

(B) 10 square units

(C) 12 square units

(D) 16 square units

Area = units squared

LIVEWORKSHEETS