

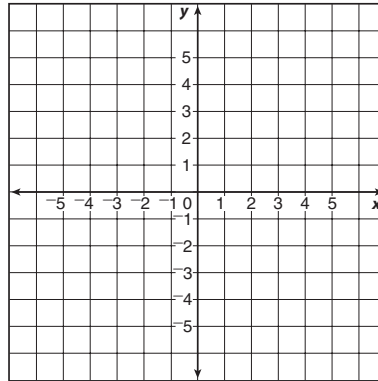


Name \_\_\_\_\_ Date \_\_\_\_\_

# Lengths of Horizontal and Vertical Line Segments

CA Standards  
KEY MG 2.2, KEY MG 2.3

Solve each problem. You can use the coordinate grid to help you.



1. The ends of one side of a square are at (3, 2) and (7, 2). What is the length of the side?

\_\_\_\_\_ units

3. The ends of a long side of a parallelogram are at (0, 0) and (0, 44). What is the length of that side?

\_\_\_\_\_ units

5. The vertex of the right angle of a right triangle is at (1, 1). The other vertices are at (5, 1) and (1, 4). What is the length of the side parallel to the  $x$ -axis?

\_\_\_\_\_ units

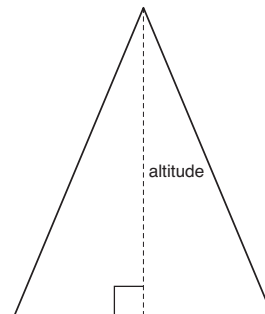
2. The ends of a side of a rectangle are at (4, 1) and (4, 10). What is the length of that side?

\_\_\_\_\_ units

4. The ends of one base of a trapezoid are at (25, 75) and (150, 75). What is the length of that side?

\_\_\_\_\_ units

6. An isosceles triangle has vertices at (2, 0), (6, 0), and (4, 8). What is the length of the altitude?



\_\_\_\_\_ units