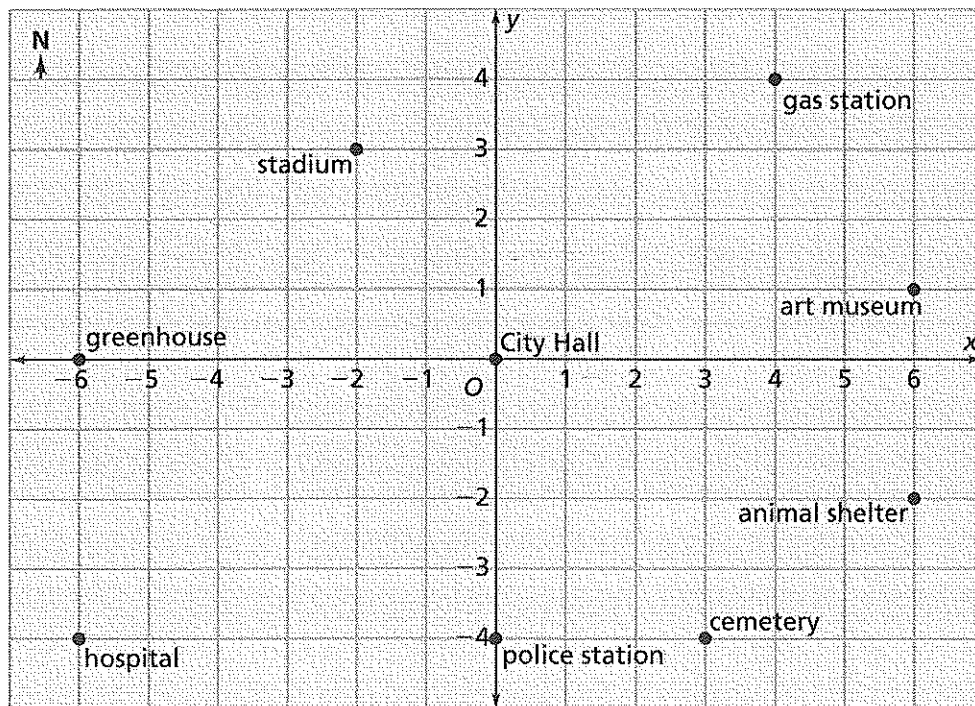


# Problem 1.1

## Map of Euclid



- (A)
1. gas station  $(4, 4)$
  2. animal shelter  $(6, -2)$
  3. stadium  $(-2, 3)$

- (B)
1. Pair 1: go north 4 blocks  
 Pair 2: (possible) go east 6 blocks, then north 4 blocks.  
 Pair 3: (possible) go east 12 blocks, then north 5 blocks
  2. Pair 1: 4 blocks  
 Pair 2: 6 blocks + 4 blocks = 10 blocks  
 Pair 3: 12 blocks + 5 blocks = 17 blocks

(C) 1. 8 blocks: you have to go east 3 blocks and north 5 blocks. 3 blocks plus 5 blocks is 8 blocks

2. Find the difference between the x's and the difference between the y's.