

Sarah Wilchelman  
Period 5

To measure AE, you could use the distance formula.  
A is at (0, 1) and E is at (6, 4). Using the formula,  $6-0=6$   
and  $4-1=3$ . Squaring each number gives you 36 and 9.  
Adding those gives you 45. Finally, you take the square root  
of that and AE equals about 6.7. You do the same thing to  
get AD. Use (0,1) and (6,-3).  $-3-1=-4$  and  $6-0=6$ .  
Squaring each number gives you 16 and 36. Adding those  
you get 52 and the square root of that is 7.2. So AD is 7.2.

