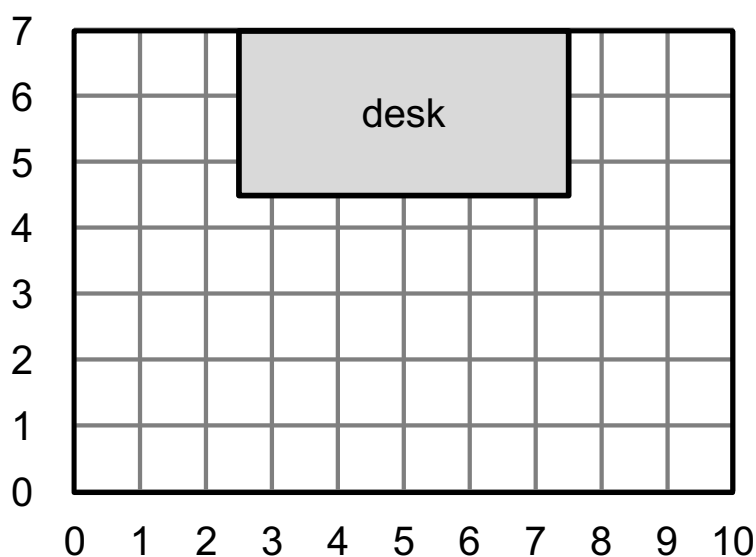


Lee uses a 7-foot by 10-foot grid to design his office. He centers his desk against one wall as shown in the diagram. The top of Lee's desk is 2.5 feet wide and 5 feet long.



a. Which ordered pair shows the location of one corner of the desk?

- | | |
|---------------|-----------------|
| 1. $(7, 2.5)$ | 3. $(7.5, 4.5)$ |
| 2. $(2.5, 4)$ | 4. $(7, 7.5)$ |

b. Lee decides to center his desk on the opposite wall. Which ordered pair does not show the location of one of the desk corners?

- | | |
|-----------------|-----------------|
| 1. $(2.5, 0)$ | 3. $(2.5, 7.5)$ |
| 2. $(2.5, 2.5)$ | 4. $(7.5, 0)$ |