## Shaded Region

A swimming pool with dimensions $20^{\prime}$ by $10^{\prime}$. The owner wants a walkway around it with dimensions $25^{\prime}$ by $15^{\prime}$ with cement 6 inches deep. How many cubic feet of cement must he order?

Hint: Find the area of the shaded region by subtracting the smaller rectangle, then find the volume by multiplying by the depth in the SAME units.


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Scaffolding - If the price of cement is \(\$ 10\) per square YARD, how much will
``` it cost to construct the walkway?```

