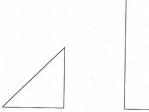
Э,	be an isosceles right triangle, and the other will be a rectangle that is four times as long
	as it is wide. The figure below shows the two shapes.



What should the dimensions of the rectangular enclosure be to **minimize** the combined total area of the two enclosures?

Consider the function $f(x) = 3 - \sqrt{2x - 1}$.

1. Find the domain and range of f(x).

 $\mathrm{DOMAIN} =$

RANGE =

2. Compute the inverse function $f^{-1}(y)$. Show all steps. Indicate the domain for the inverse function.

3. Compute f(f(1))