

b) R is the region bounded by $y = -x^2 + 6x - 8$, $y = 0$ about the x -axis.

c) R is the region bounded by $x = (y - 3)^2$, $x = 4$, about $y = 1$.

d) R is the region bounded by $x = (y - 1)^2$, $x - y = 1$, about $x = -1$.