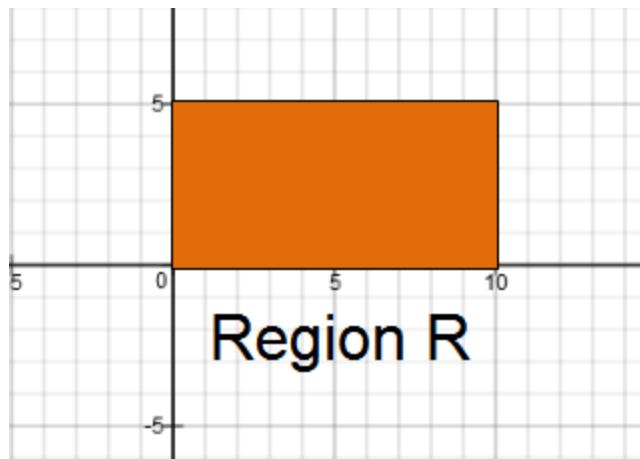


Section 14.2 Volume of Solid

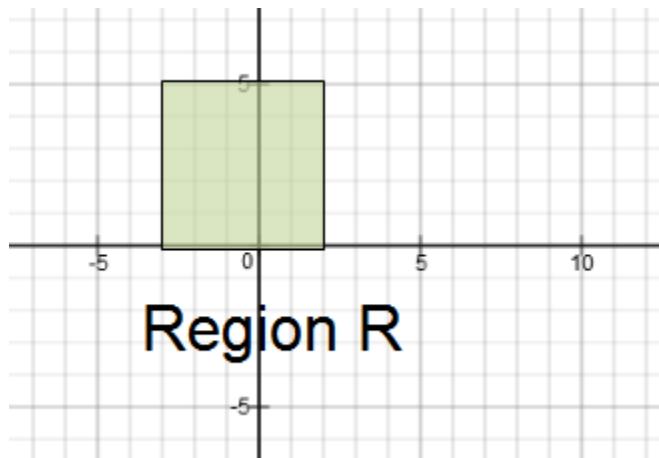
1) Surface Function: $f(x, y) = 3 - 5y$

Find the volume of the solid over Region R .



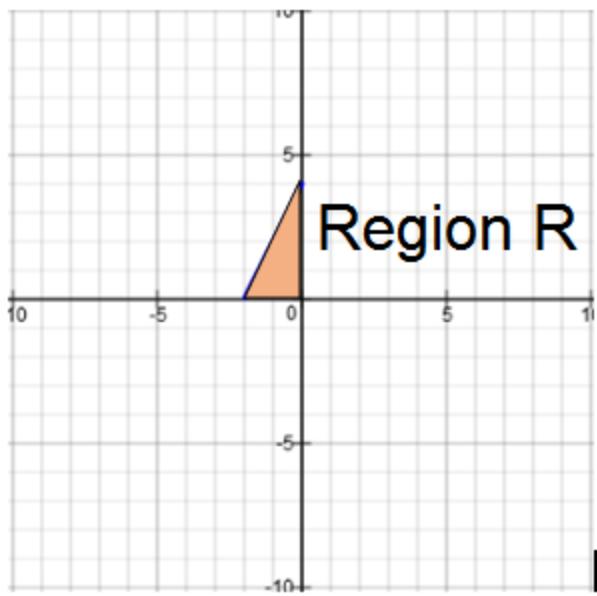
2) Surface Function: $f(x, y) = \frac{y}{4}$

Find the volume of the solid over Region R .



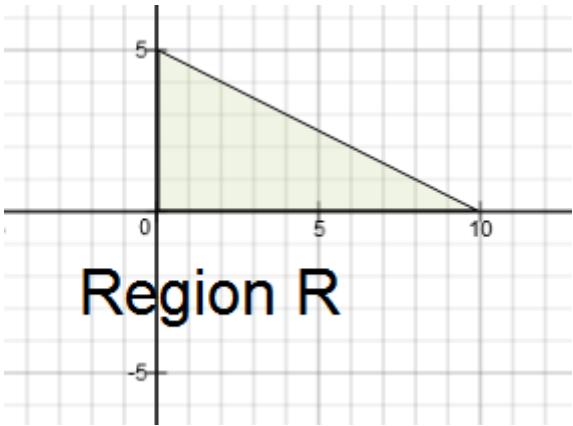
3) Surface Function: $f(x, y) = 5 - 2x - y$

Find the volume of the solid over Region R .



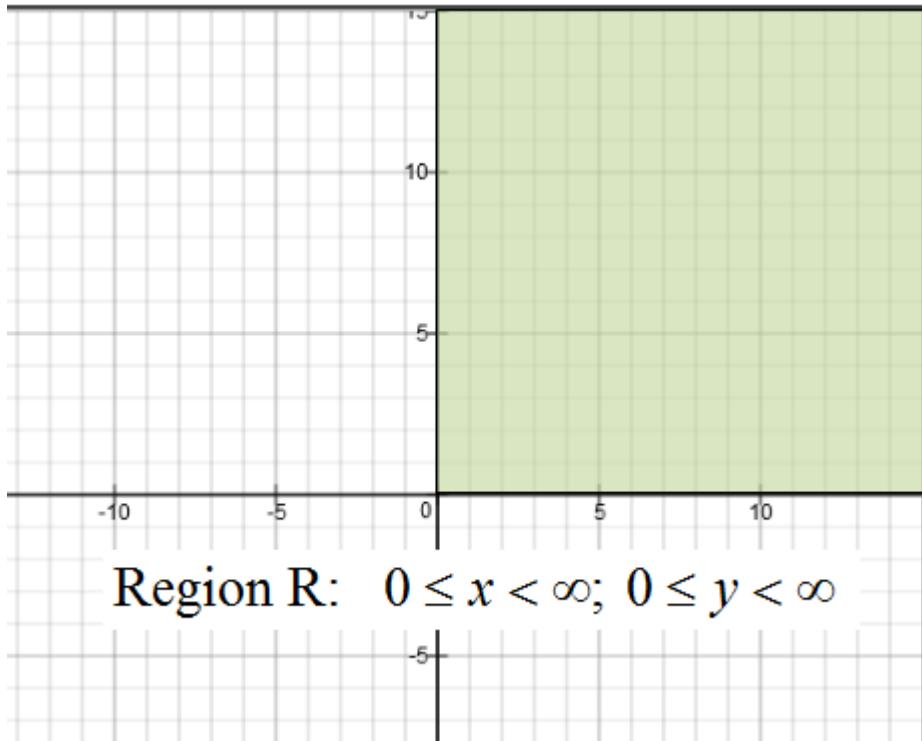
4) Surface Function: $f(x, y) = 4 - xy$

Find the volume of the solid over Region R .



5) Surface Function: $f(x, y) = e^{-x-y}$

Find the volume of the solid over Region R .



6) Surface Function: $f(x, y) = e^{-x^2}$

Find the volume of the solid over Region R .

