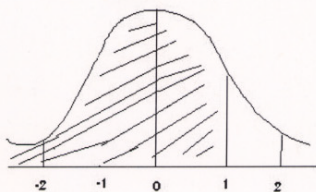4. Find area to right of +1

$p(1 \leq z) = p(0 \leq z) - p(0 \leq z \leq 1.0)$ but $p(0 \leq z) = .5 = .5 - .341 = .159$

5. Find area to the left of z

$p(z \leq 2) = p(z \leq 0) + p(0 \leq z \leq 2.0) = .5 + .477 = .977$

6. Find area between +1 and +2

$p(1 \leq z \leq 2.0) = p(0 \leq z \leq 2.0) - p(0 \leq z \leq 1.0) = .477 - .341 = .136$