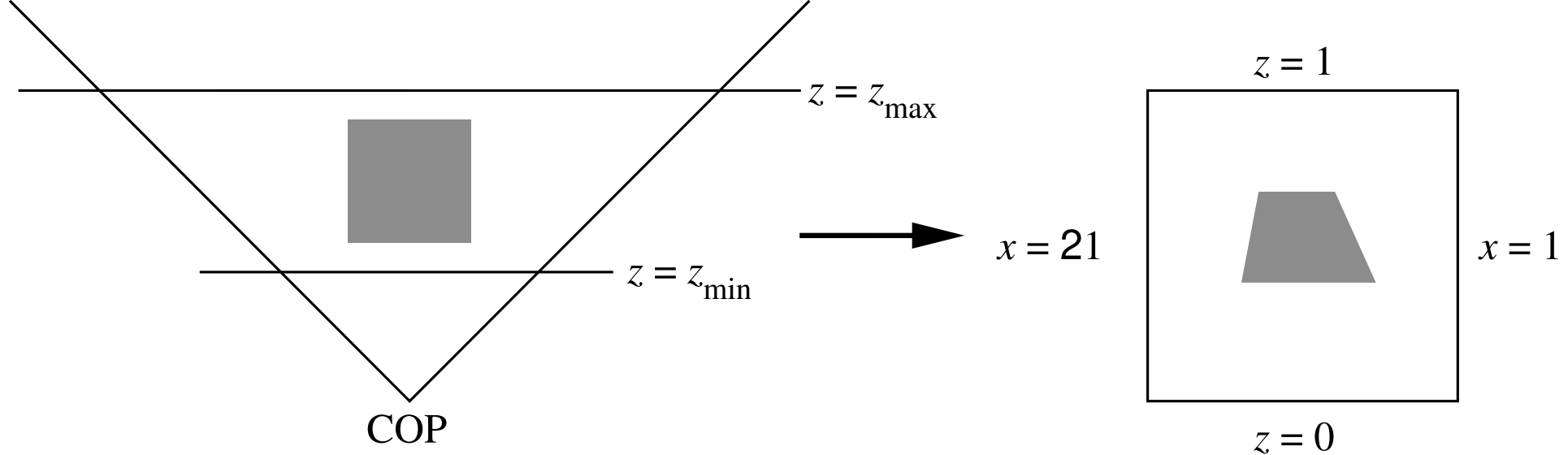
$z = z_{max}$
$z = z_{min}$
COP
$x = 21$
$z = 1$
$x = 1$
$z = 0$