	Grids								
r									
	$[a_1]$	$[a_1] \times [a_2]$	$[n]^2$	$[a_1] \times [a_2] \times [a_3]$	$[n]^3$	• • •	$\prod_{i=1}^{d} [a_i]$	$[n]^d$	$[2]^{d}$
r = 0	0	0	0	0	0		0	0	0
r = 1	1	1	1	1	1		1	1	1
r = 2	$\left\lceil \frac{a_1 - 1}{2} \right\rceil + 1$	$\left\lceil \frac{a_1 + a_2 - 2}{2} \right\rceil + 1$		$\left\lceil \frac{a_1 + a_2 + a_3 - 3}{2} \right\rceil + 1$	$\left\lceil \frac{3(n-1)}{2} \right\rceil + 1$		$\left\lceil \frac{\sum_{i=1}^{d} (a_i - 1)}{2} \right\rceil + 1$	$\left\lceil \frac{d(n-1)}{2} \right\rceil + 1$	$\lceil \frac{d}{2} \rceil + 1$
r = 3	???	???	$\left\lceil \frac{n^2+2n+4}{3} \right\rceil^*$	S.A. bound	$n^2$		???	???	$\lceil \frac{d(d+3)}{6} \rceil$
:						٠.			
r = d	???	???	???	???	???		S.A. bound	$n^{d-1}$	???