

8/ Total symbols: $26 + 10 + 14 = 50$ a) (ase 3: 50^3 Gas: $4: 50^4$) $\Sigma = 50^3 + 50^4 + 50^4$ Gas: $5: 50^5$ (as: $3: 50^3 - (50.49.48)$ (Core: $4: 50^4 - (50.49.48.47)$ (as: $5: 50^5 - (50.49.48.47.46)$)	# d) Let $1 \le n \le \# symbols$ # $50.49.48$
$24/a)$ Mult of 2: 500 ($z = 611$ b) $\frac{611}{1000}$	Case 5: 1 - 50.49.48.47.46 c) 1000 - 611 = 389
$34/a) U- A \cdot B \cdot C =50-41=5$	b) (AABAC) = A + B + C - (AAB) - (AAC) - (BAC) + (AUBOC) = 21+21+31-9-14-15+91=6 d) 4
41/ Let: A= Im \(\) pqr \ \qcd (m, p) = 1 \\ B = Im \(\) pqr \ \qcd (m, p) = 1 \\ C = Im \(\) pqr \ \qcd (m, p) = 1 \\ C = Im \(\) pqr \ \qcd (m, p) = 1 \\ IA \(\) pqr \(- \) pqr \(- \) pqr \(- \) pr \\ IB \(\) pqr \(- \) pqr \(- \) pqr \(- \) pq \\ IA \(\) B = pqr \(- \) pqr \(-	$- AnB - AnC - BnC $ $+ AnB_nC $ $= (pqr - qr) + (pqr - pr) + (pqr - pq)$ $-(pqr - r) - (pqr - q) - (pqr - p)$ $+ (pqr - 1)$ $= pqr - qr - pr - pq + r + p + q - 1$

LANBACE PAR - PAR - par -1