

$$\begin{array}{cccccc}
 (n, k) = & (15, 56) & (15, 57) & (3, 58) & (3, 59) & (9, 61) \\
 & ab_2 & AB_2 & ab_2^2 & AB_2^2 & AB_2 \\
 & \bullet & \bullet & \bullet & \bullet & \bullet \\
 & b_2 & B_2 & b_2^2 & B_2^2 & B_2
 \end{array}$$