$n =$ 3   5   7   9

$k = 15$

ab

$k = 16$ $\bullet$

$\nwarrow b$

AB

$k = 17$ $\bullet$

$\nwarrow B$

$k = 18$

$k = 19$

j $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ k k k