$$n = 3 \quad 5 \quad 7 \quad 9 \quad 11 \quad 13 \quad 15$$

$$k = 10 \quad \bullet = \bullet = \qquad \{\beta_1\}$$

$$k = 13 \quad \bullet = \bullet = \bullet = \qquad \{\alpha_1 \beta_1\}$$

$$k = 20 \quad \bullet = \bullet = \bullet = \bullet = \qquad \{\beta_1^2\}$$

$$k = 23 \quad \bullet = \bullet = \bullet = \bullet = \qquad \{\alpha_1 \beta_1^2\}$$

$$k = 26 \quad \bullet = \bullet = \bullet = \bullet = \bullet = \{\beta_2\}$$