

mod p で元 a の生成する部分群 $\langle a \rangle$

mod 3: $\langle 1 \rangle = \{1\}$
 $\langle 2 \rangle = (\mathbf{Z}/3\mathbf{Z})^\times$

mod 5: $\langle 1 \rangle = \{1\}$
 $\langle 4 \rangle = \{1, 4\}$
 $\langle 2 \rangle = \langle 3 \rangle = (\mathbf{Z}/5\mathbf{Z})^\times$

mod 7: $\langle 1 \rangle = \{1\}$
 $\langle 6 \rangle = \{1, 6\}$
 $\langle 2 \rangle = \langle 4 \rangle = \{1, 2, 4\}$
 $\langle 3 \rangle = \langle 5 \rangle = (\mathbf{Z}/7\mathbf{Z})^\times$

mod 11: $\langle 1 \rangle = \{1\}$
 $\langle 10 \rangle = \{1, 10\}$
 $\langle 3 \rangle = \langle 4 \rangle = \langle 5 \rangle = \langle 9 \rangle = \{1, 3, 4, 5, 9\}$
 $\langle 2 \rangle = \langle 6 \rangle = \langle 7 \rangle = \langle 8 \rangle = (\mathbf{Z}/11\mathbf{Z})^\times$

mod 13: $\langle 1 \rangle = \{1\}$
 $\langle 12 \rangle = \{1, 12\}$
 $\langle 3 \rangle = \langle 9 \rangle = \{1, 3, 9\}$
 $\langle 5 \rangle = \langle 8 \rangle = \{1, 5, 8, 12\}$
 $\langle 4 \rangle = \langle 10 \rangle = \{1, 3, 4, 9, 10, 12\}$
 $\langle 2 \rangle = \langle 6 \rangle = \langle 7 \rangle = \langle 11 \rangle = (\mathbf{Z}/13\mathbf{Z})^\times$

mod 17: $\langle 1 \rangle = \{1\}$
 $\langle 16 \rangle = \{1, 16\}$
 $\langle 4 \rangle = \langle 13 \rangle = \{1, 4, 13, 16\}$
 $\langle 2 \rangle = \langle 8 \rangle = \langle 9 \rangle = \langle 15 \rangle = \{1, 2, 4, 8, 9, 13, 15, 16\}$
 $\langle 3 \rangle = \langle 5 \rangle = \langle 6 \rangle = \langle 7 \rangle = \langle 10 \rangle = \langle 11 \rangle = \langle 12 \rangle = \langle 14 \rangle = (\mathbf{Z}/17\mathbf{Z})^\times$