$$g = x$$

$$g^{2} = x^{2}$$

$$g^{3} = x^{3}$$

$$g^{4} = x^{4}$$

$$g^{5} = x^{5}$$

$$g^{6} = x + 1$$

$$g^{7} = x^{2} + x$$

$$g^{8} = x^{3} + x^{2}$$

$$g^{9} = x^{4} + x^{3}$$

$$g^{10} = x^{5} + x^{4}$$

$$g^{11} = x^{5} + x + 1$$

$$g^{12} = x^{2} + 1$$

$$g^{13} = x^{3} + x$$

$$g^{14} = x^{4} + x^{2}$$

$$g^{15} = x^{5} + x^{3}$$

$$g^{16} = x^{4} + x + 1$$

$$g^{17} = x^{5} + x^{2} + x$$

$$g^{18} = x^{3} + x^{2} + x + 1$$

$$g^{19} = x^{4} + x^{3} + x^{2} + x$$

$$g^{20} = x^{5} + x^{4} + x^{3} + x^{2}$$

$$g^{21} = x^{5} + x^{4} + x^{3} + x + 1$$

$$g^{22} = x^5 + x^4 + x^2 + 1$$

$$g^{23} = x^5 + x^3 + 1$$

$$g^{24} = x^4 + 1$$

$$g^{25} = x^5 + x$$

$$g^{26} = x^2 + x + 1$$

$$g^{27} = x^3 + x^2 + x$$

$$g^{28} = x^4 + x^3 + x^2$$

$$g^{29} = x^5 + x^4 + x + 1$$

$$g^{30} = x^5 + x^4 + x + 1$$

$$g^{31} = x^5 + x^2 + 1$$

$$g^{32} = x^3 + 1$$

$$g^{33} = x^4 + x$$

$$g^{34} = x^5 + x^2$$

$$g^{35} = x^3 + x + 1$$

$$g^{36} = x^4 + x^2 + x$$

$$g^{37} = x^5 + x^3 + x^2$$

$$g^{38} = x^4 + x^3 + x + 1$$

$$g^{39} = x^5 + x^4 + x^2 + x$$

$$g^{40} = x^5 + x^3 + x^2 + x + 1$$

$$g^{41} = x^4 + x^3 + x^2 + 1$$

$$g^{42} = x^5 + x^4 + x^3 + x$$

$$g^{43} = x^5 + x^4 + x^2 + x + 1$$

$$g^{44} = x^5 + x^3 + x^2 + 1$$

$$g^{45} = x^4 + x^3 + 1$$

$$g^{46} = x^5 + x^4 + x$$

$$g^{47} = x^5 + x^2 + x + 1$$

$$g^{48} = x^3 + x^2 + 1$$

$$g^{49} = x^4 + x^3 + x$$

$$g^{50} = x^5 + x^4 + x^2$$

$$g^{51} = x^5 + x^3 + x + 1$$

$$g^{52} = x^4 + x^2 + 1$$

$$g^{53} = x^5 + x^3 + x$$

$$g^{54} = x^4 + x^2 + x + 1$$

$$g^{55} = x^5 + x^3 + x^2 + x$$

$$g^{56} = x^4 + x^3 + x^2 + x + 1$$

$$g^{57} = x^5 + x^4 + x^3 + x^2 + x + 1$$

$$g^{58} = x^5 + x^4 + x^3 + x^2 + x + 1$$

$$g^{59} = x^5 + x^4 + x^3 + x^2 + x + 1$$

$$g^{60} = x^5 + x^4 + x^3 + 1$$

$$g^{61} = x^5 + x^4 + 1$$

$$g^{62} = x^5 + 1$$

$$g^{63} = 1$$