case "001011111", "000011011", "001011011", "000011111" -> 0;

case "000111111", "100111111", "001111111", "101111111" -> 1;

case "000110110", "100110110", "000110111", "100110111", "101111110" -> 2;

case "011011011", "011011111", "111011011", "111011111" -> 5;

case "110110110", "110110111", "111110110", "111110111" -> 7;

case "011011000", "111011000", "011011001", "111011001", "011111101" -> 10;

case "111111000", "111111001", "111111100", "111111101" -> 11;

case "110110000", "111110000", "110110100", "111110100" -> 12;

case "111111110" -> 15;

case "111111011" -> 16;

case "110111011" -> 17;

case "110111111" -> 20;

case "011111111" -> 21;

case "011111110" -> 22;

default -> 6;