

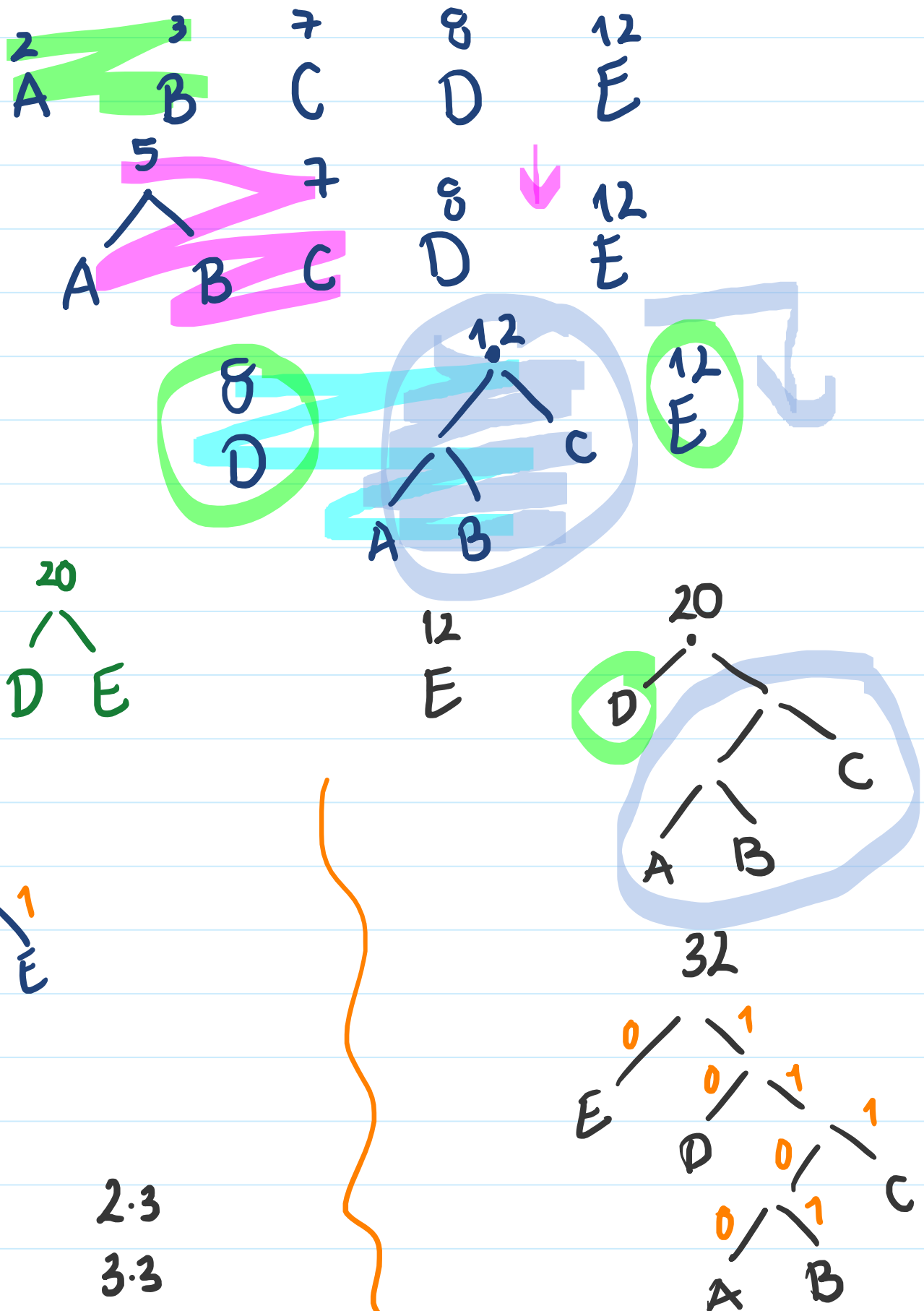
cadena 3 bits

$$2^3 = 8$$

Carácter	Frecuencia
A	2
B	3
C	7
D	8
E	12

← 1,2 bits

- Codificar: ABACEDC



2 A = 000 2.3
 3 B = 001 3.3
 7 C = 01 7.2
 8 D = 10 8.2
 12 E = 11 12.2
 69 / 32 = 2,15

A = 1100 2.4
 B = 1101 3.4
 C = 111 7.3
 D = 10 8.2
 E = 11 12.1

ABACEDC = 00 01 00 11 10 11

$$ABACEDC = \underline{000\ 001\ 000\ 01111001}, \quad E=0 \quad \frac{12.1}{69} /_{32} = 2,15$$

B EEE D EEEE D E
 110100100100100

A = 000
 B = 001
 C = 01
 D = 10
 E = 11

A = 1100
 B = 1101
 C = 111
 D = 10
 E = 0

Symbols	Code-words CW
s_1	00
s_2	01
s_3	10
s_4	110
s_5	111000
s_6	111001
s_7	111010
s_8	1110110
s_9	1110111
s_{10}	1111000
s_{11}	1111001
s_{12}	1111010
s_{13}	1111011
s_{14}	1111100
s_{15}	1111101
s_{16}	1111110
s_{17}	11111110
s_{18}	11111111

