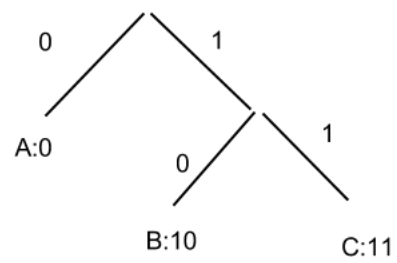# 1 Question 1 from Problem Set

- $A = 0$

- $B = 10$

- $C = 11$

Entropy is 1.5 bits.

2 Question

3 Question 8 from Problem Set

3.1 a

- Left: 0.333

- Right: 0.667

- Up: 0.667

- Down: 0.333

3.2 b

- Left: 0.5

- Right: 0.5

- Up: 0.5

- Down: 0.5

3.3 c

- Left: 0.333

- Right: 0.667

- Up: 0.333

- Down: 0.667