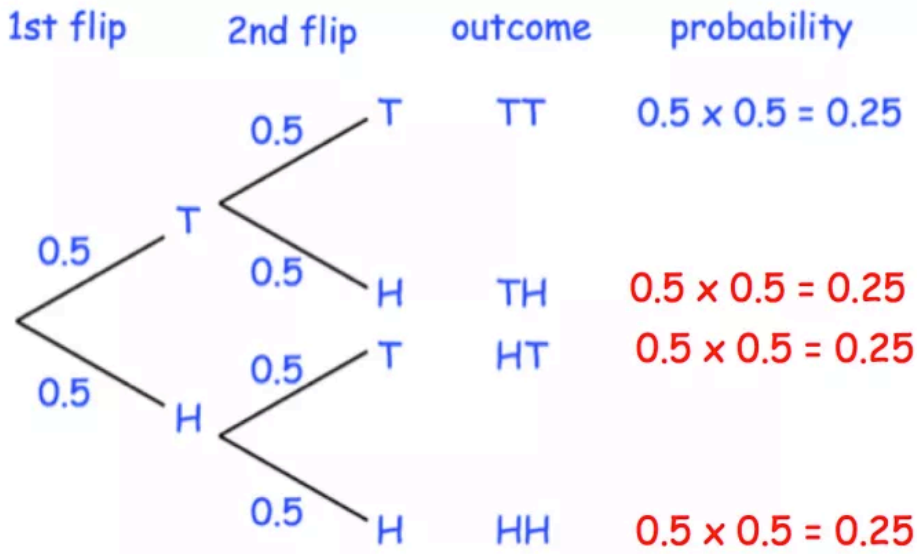


Workout

Question 1:

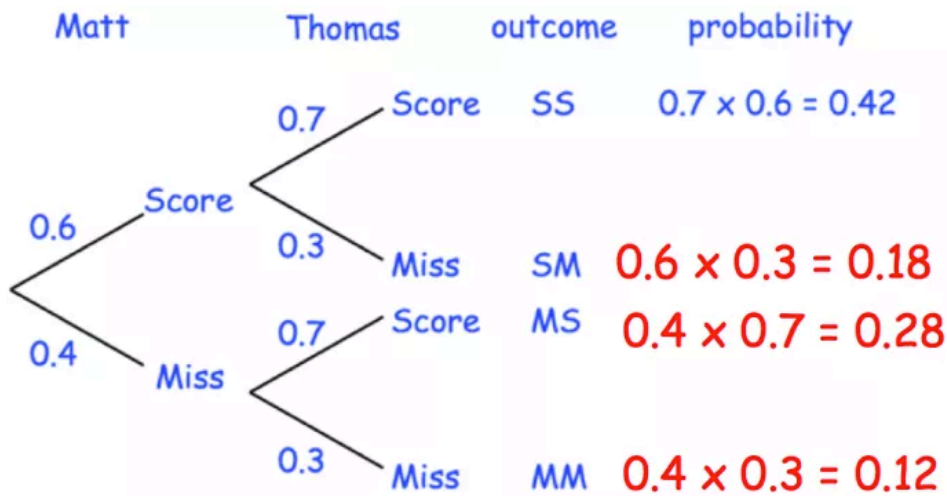


(a) 0.25

(b) 0.25

(c) 0.75

Question 2:

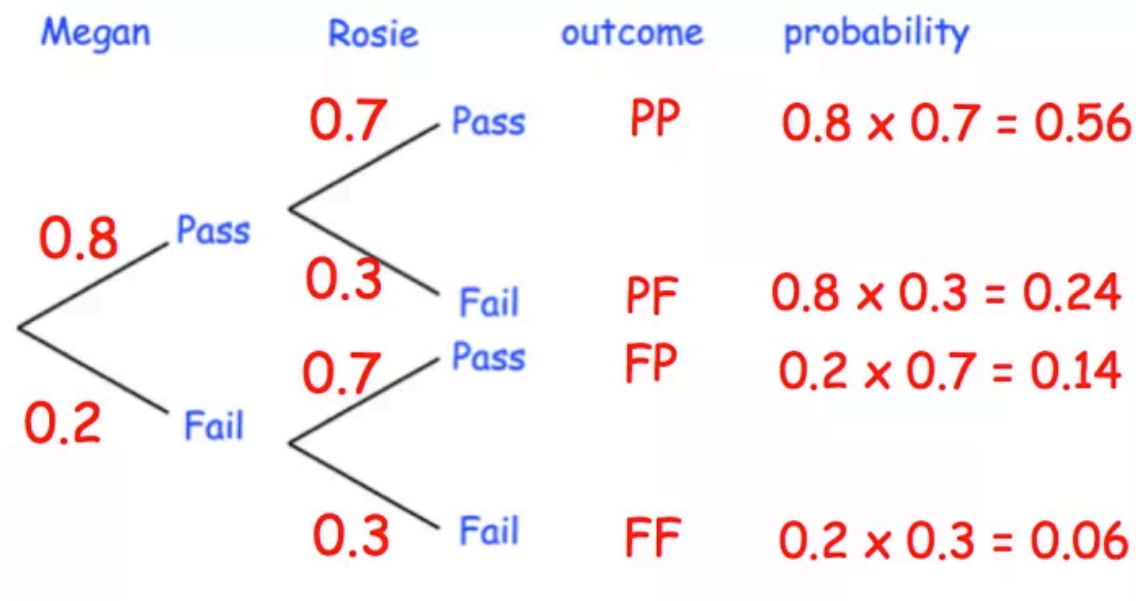


(a) 0.12

(b) 0.46

(c) 0.58

Question 3: (a)

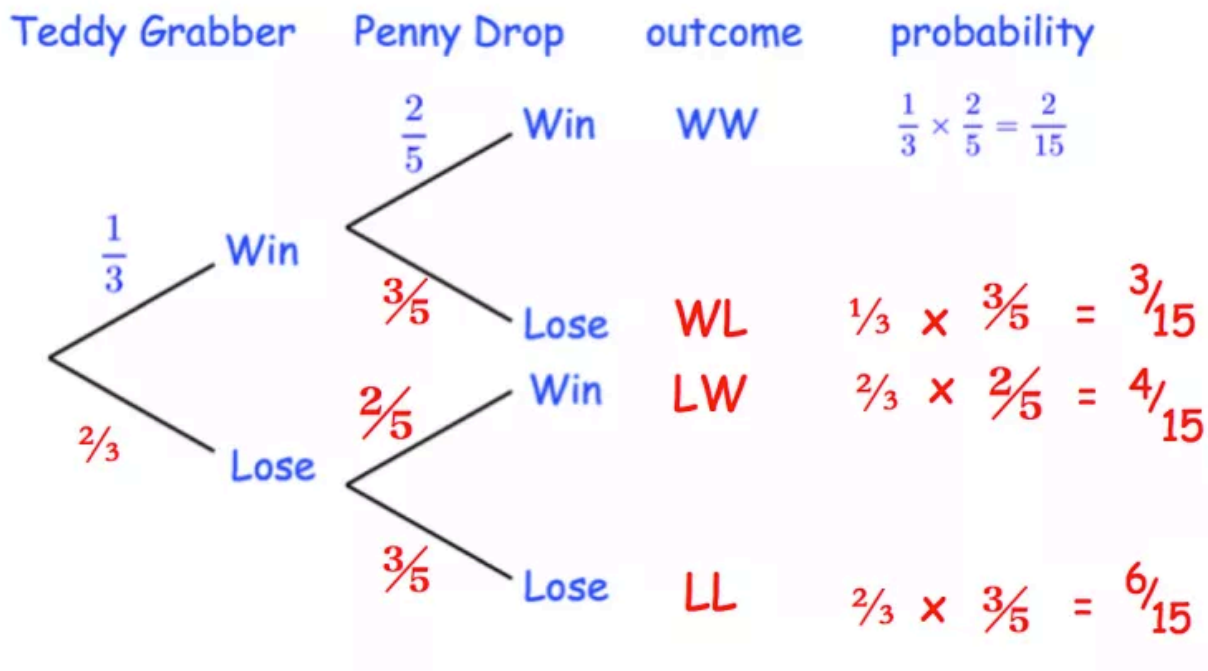


(b) 0.56

(c) 0.14

(d) 0.94

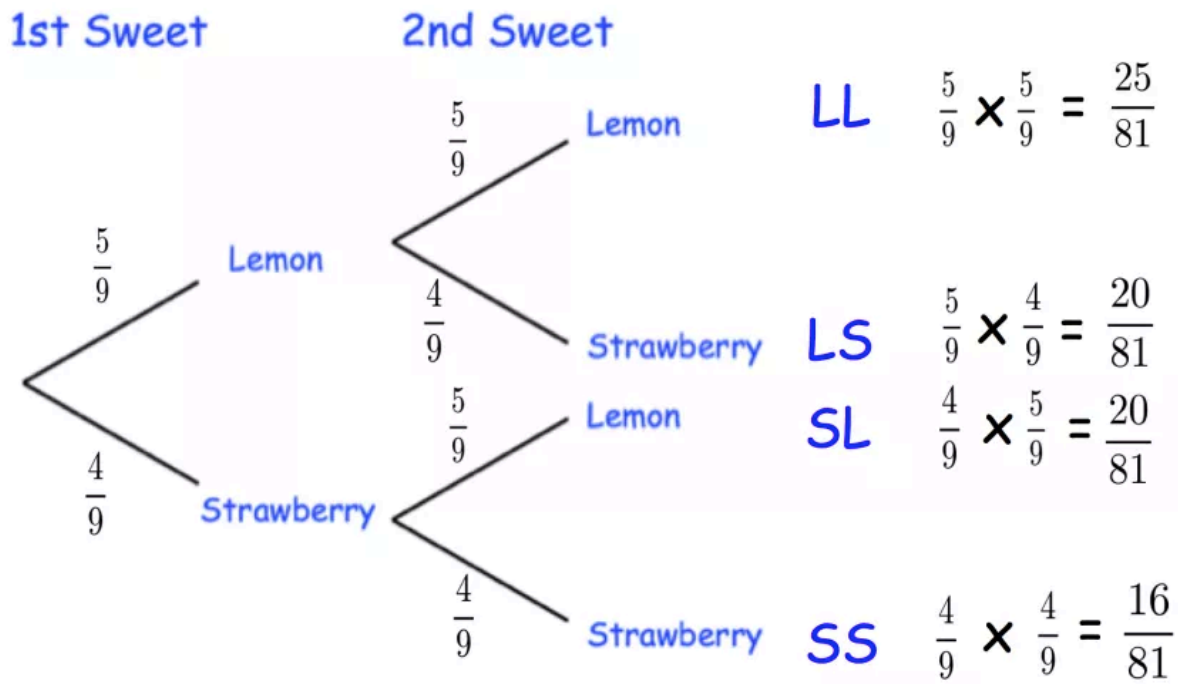
Question 4: (a)



(b) $\frac{6}{15}$ ($\frac{2}{5}$)

(c) $\frac{7}{15}$

Question 5: (a)

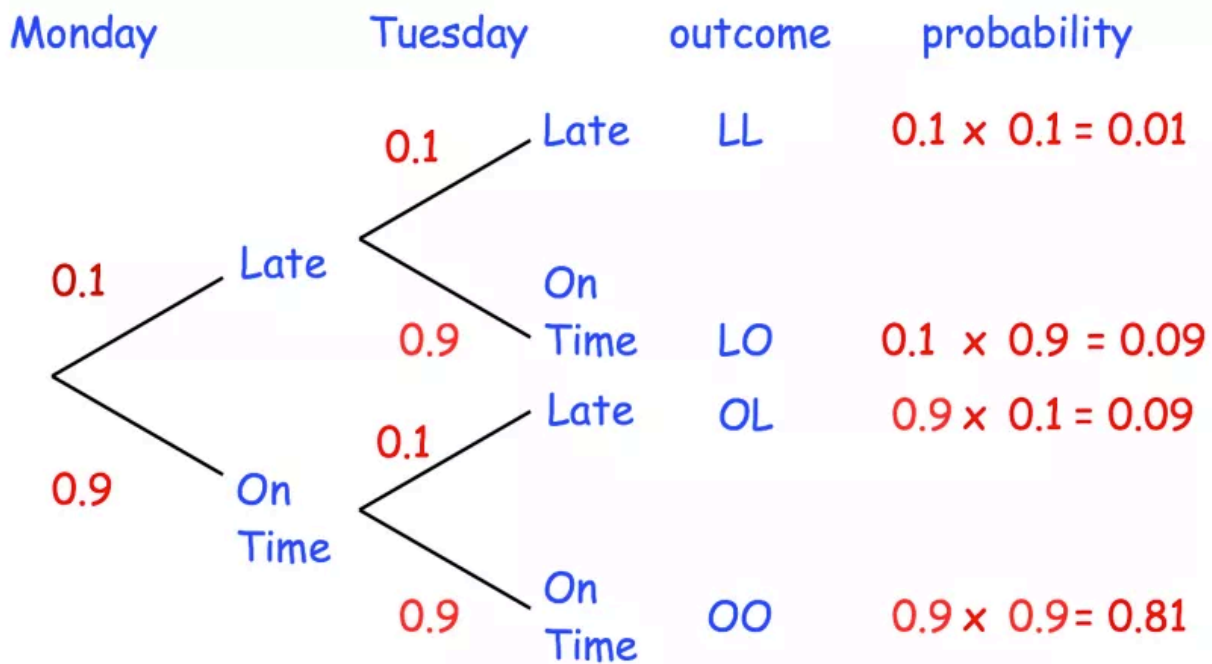


(b) 25/81

(c) 40/81

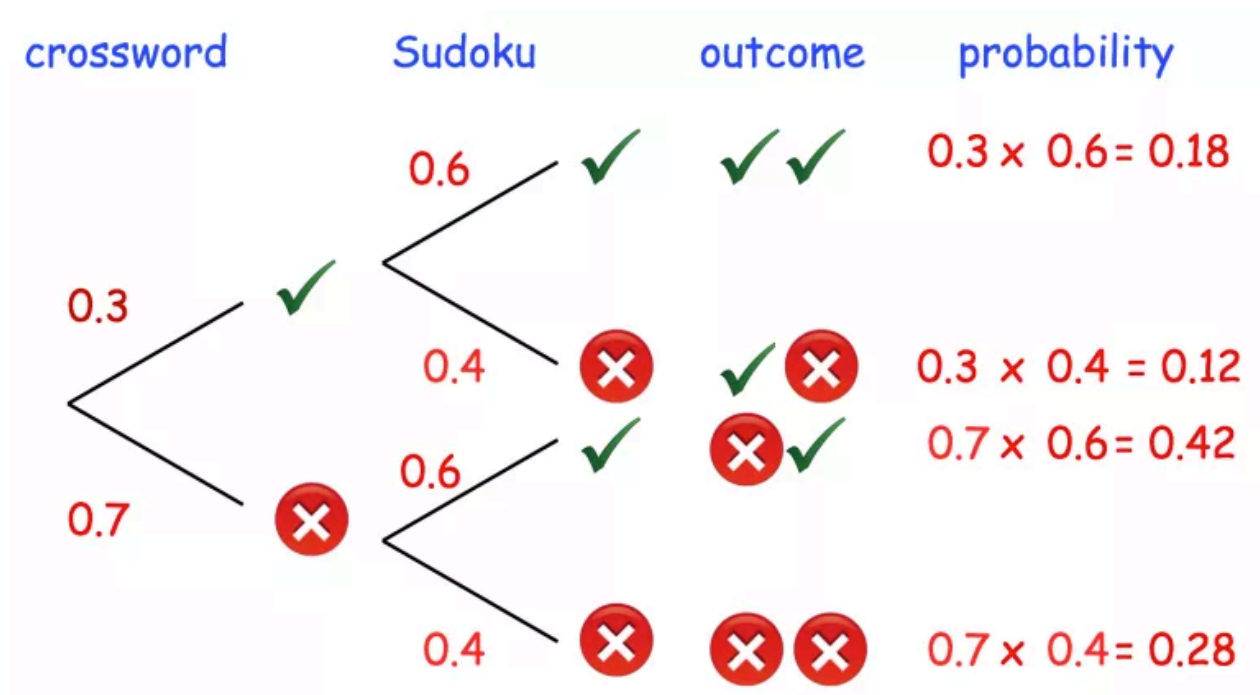
(d) 16/81

Question 6: (a)



(b) 0.81

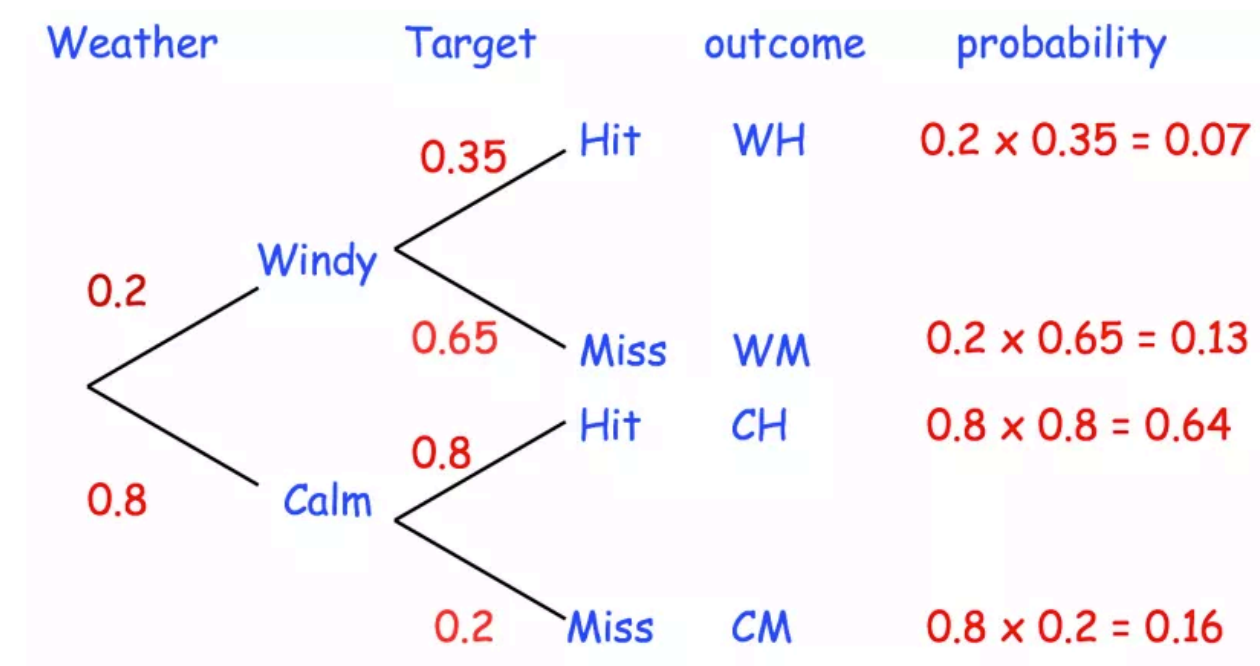
Question 7(a) :



(b) 36 days

Apply

Question 1(a)

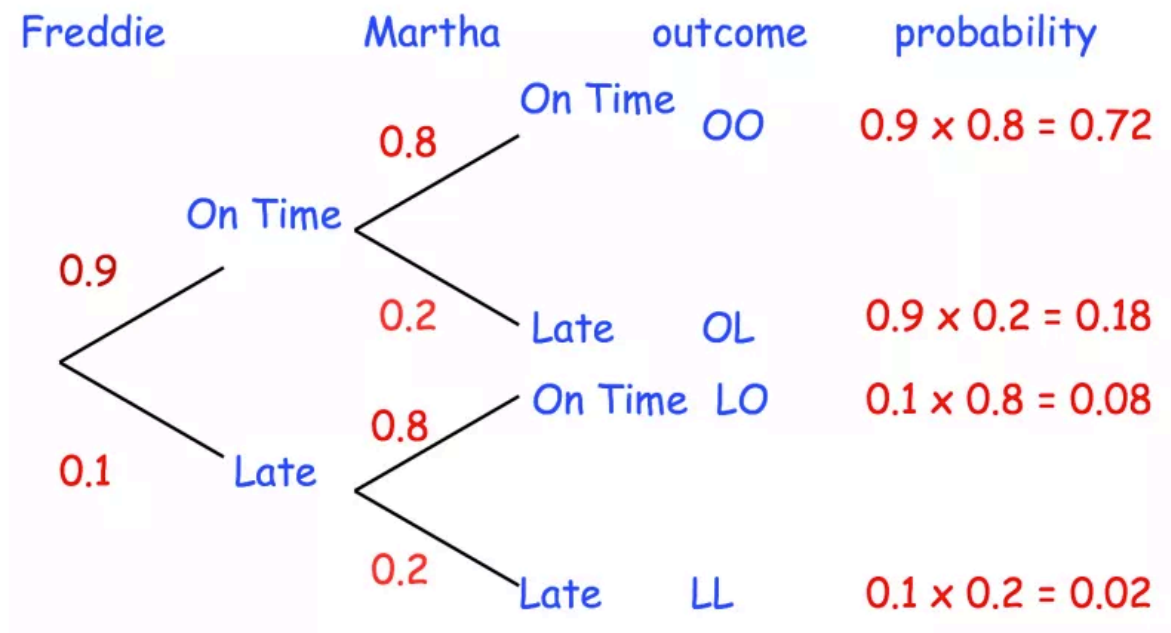


(b) 0.71

Question 2: 0.51

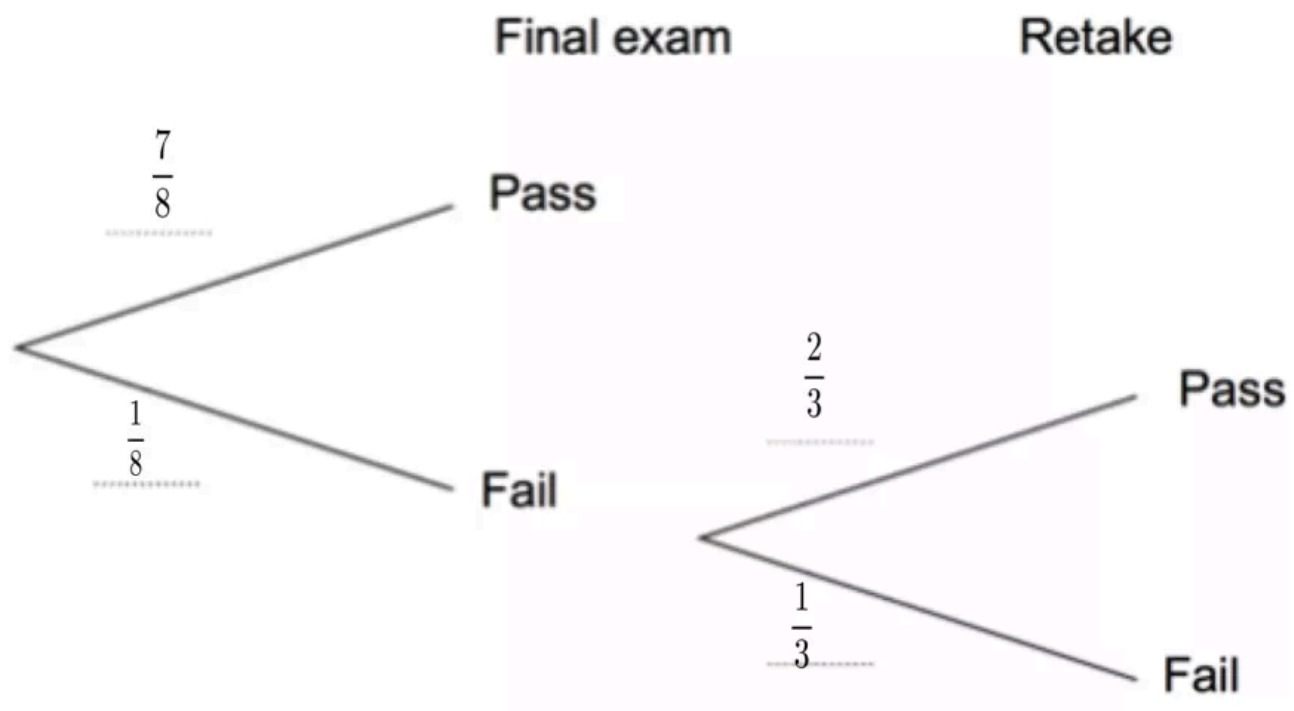
Question 3: (a) $x = 0.125$ (b) 0.765625

Question 4: (a)



(b) 0.02

Question 5: (a)

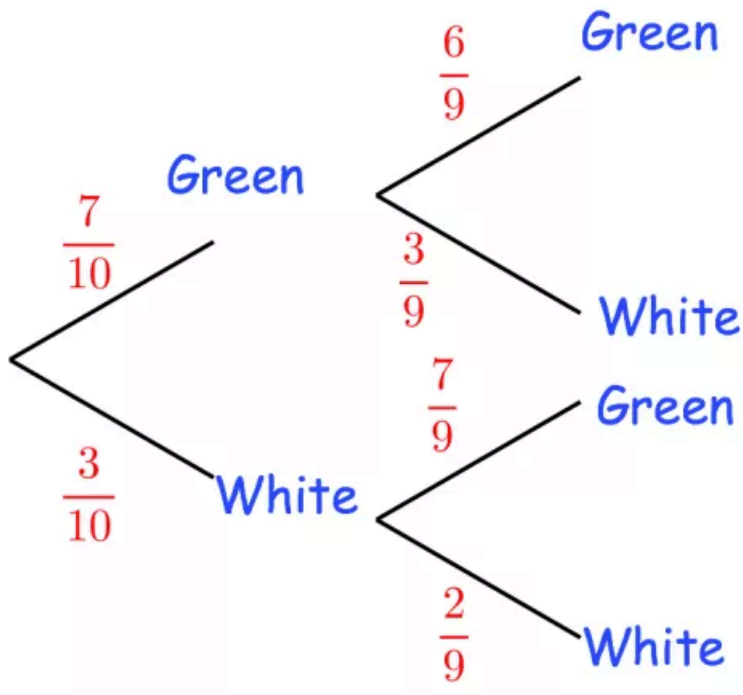


(b) $\frac{23}{24}$

Question 6(a):

1st Counter

2nd Counter



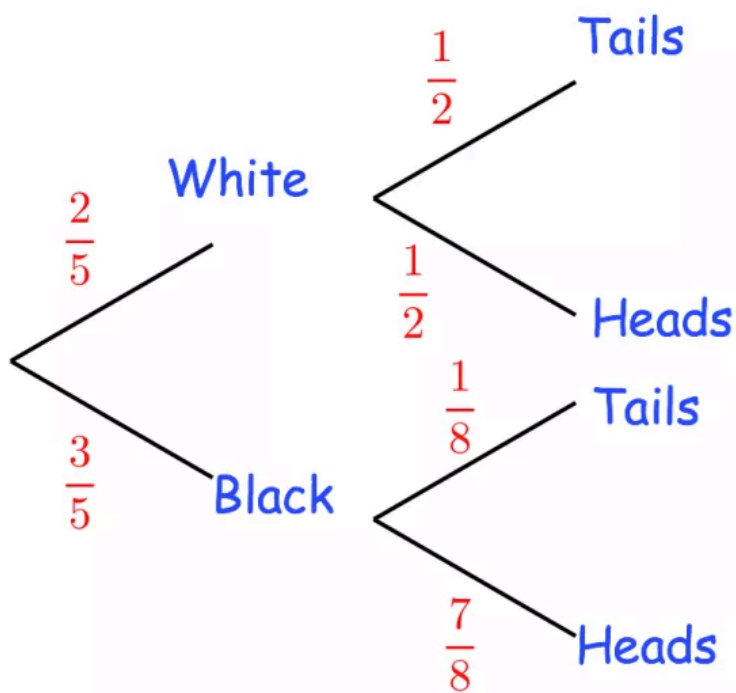
(b) $\frac{42}{90}$ ($\frac{7}{15}$)

(c) $\frac{48}{90}$ ($\frac{8}{15}$)

Question 7(a)

Ball

Coin



(b) $\frac{11}{40}$ (0.275)

Question 8(a)

$$\frac{3}{x} \times \frac{2}{x-1} = \frac{1}{12}$$

$$\frac{6}{x^2 - x} = \frac{1}{12}$$

$$x^2 - x = 72$$

$$x^2 - x - 72 = 0$$

(b) $x = 9$

(c) $5/12$