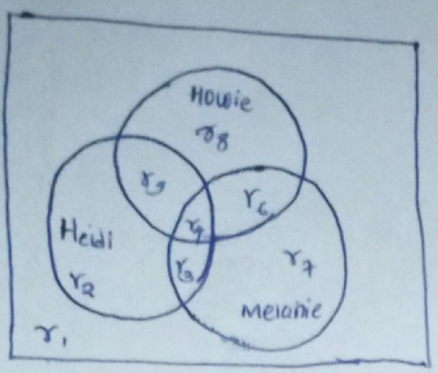
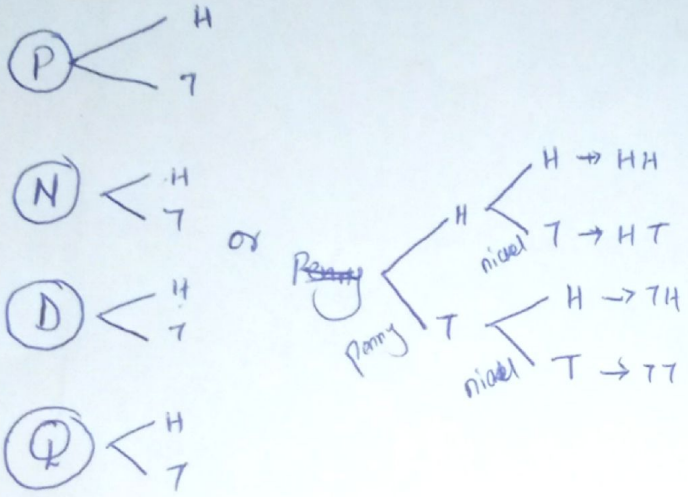
EXERCISES 1

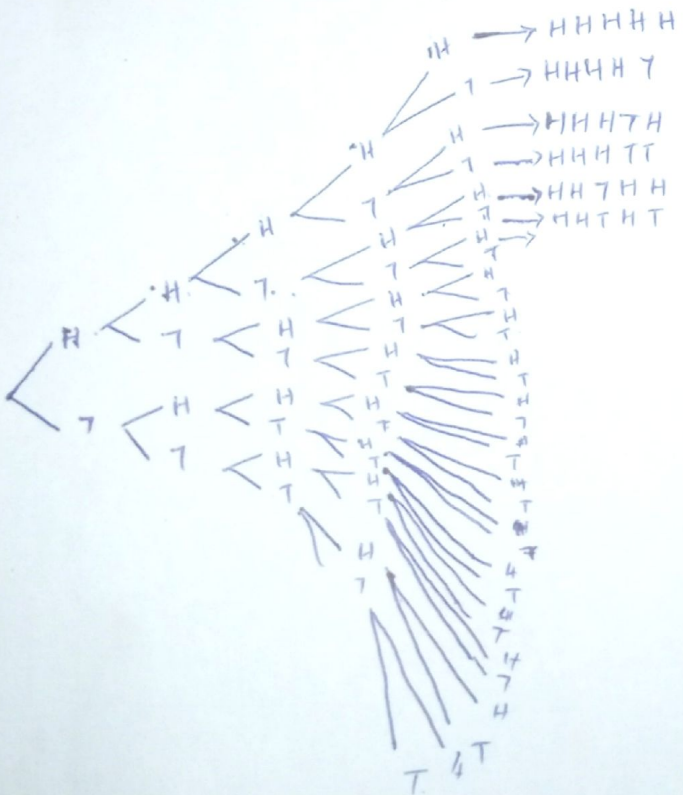
3.




9.

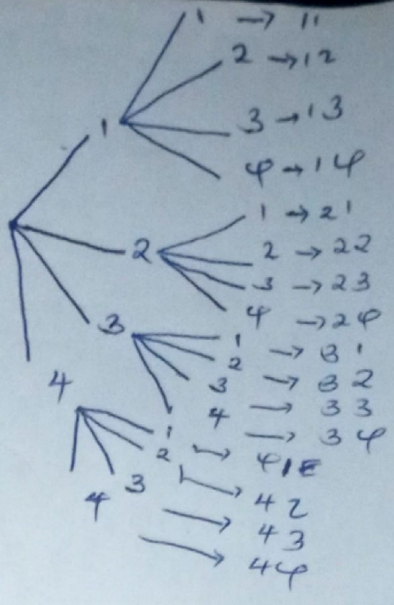



11




32 possibilities

15.




16 posibilities

23. 1, 1, 2, 3, 5, 8, 13, 21, 34, 55

25. If five are female and five are male what is the probability that the group leader.

Answer $\frac{1}{5}$

39. No they will not give the same result.

53.

If one house is x years old the other will be 2x

So:

$x + 2x = 321$

$\frac{3x}{3} = \frac{321}{3}$

$x = 107$

one house is = 107 yrs

The other house is = 214 yrs

57.

57. $\frac{8}{100} \times 8{,}000 = 640$

$\frac{6}{100} \times 8{,}000 = 480$

If one investment earns her $x$ return we assume that the second one earns him four times the return of the first investment

$4x + x = 550$

$\frac{4x + x}{4} = \frac{550}{5}$

$\frac{5x}{5} = \frac{550}{5}$

$x = 110$

$110 \times 4 = 440$

$110$

1st → $110

2nd = $440

81. 1x2 (1by2)

2x4 (2by4)

2x2 (2by2) - 4(2by2)

5x5 (5by5) + 1(5by5)

4by4 (4by4) + 1(4by4)