

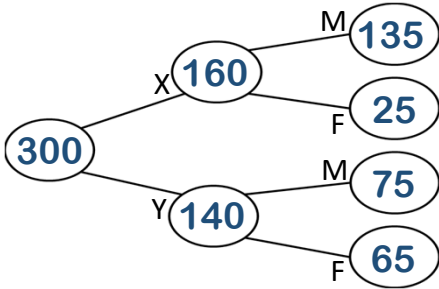


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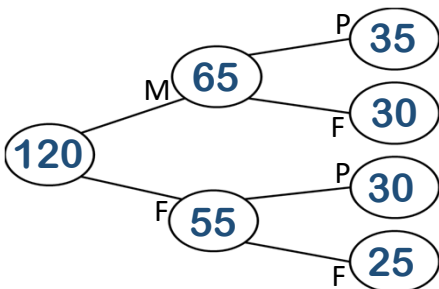


Complete the frequency trees from the given information:

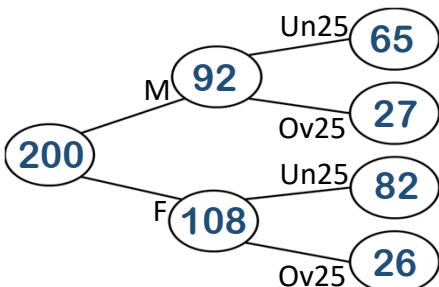
a) There are 300 students in Year 11.
There are 2 bands in year 11, X and Y.
There are 160 pupils in band X.
There are 90 females.
There are 75 males in band Y.



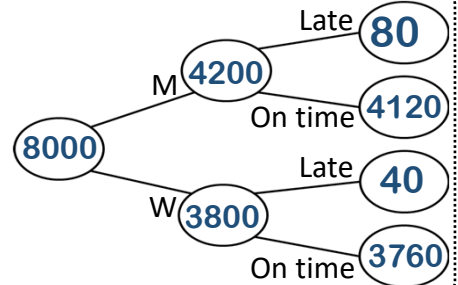
b) A driving school monitor their students during one week.
120 people sat their driving test.
65 are male of which 35 pass.
25 females fail their driving test.



c) There are 200 members of a gym
92 of the members are male.
65 of male members are under 25
82 of female members are under 25

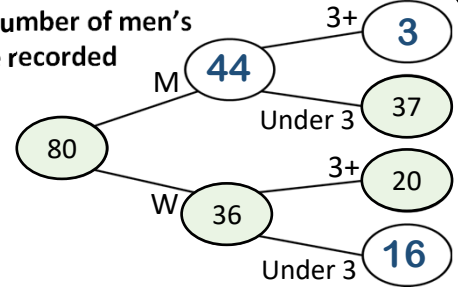


d) 8000 people attended a concert last Friday. 4200 were men, of which 80 were late to the performance.
Half as many women were also late to the performance.



The number of goals scored in a number of men's / women's football matches were recorded

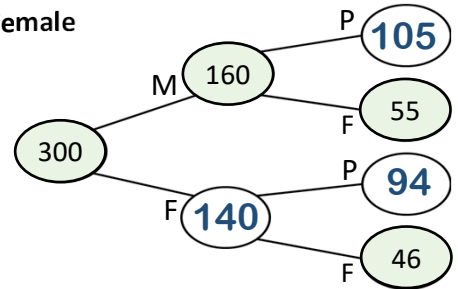
e) Complete the frequency tree
f) What fraction of the matches had under 3 goals scored?



g) A person is chosen at random, what is the probability it's a man?
 $\frac{53}{80}$

A driving school monitors Male/Female students pass or fails

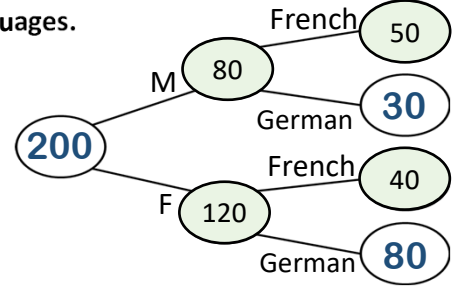
h) Complete the frequency tree
i) What fraction of all students are men that pass?



j) A person is chosen at random, what is the probability it's a female that passes?
 $\frac{105}{300}$

Some people study different languages.

k) Complete the frequency tree
l) What fraction of the people study French?



m) A male is chosen, what is the probability that the man chosen studies German?
 $\frac{94}{300}$

Exam question:

40 golfers play a round of golf
24 of the golfers are male.
28 golfers score under 75
9 of the female golfers score 75 or more.

Complete the Frequency Tree

