

1-)

I used decomposition to see which one is the fastest one because one person needs to bring back the cresset two times as fast as possible. So fastest person is me and I will accompany all my members.

Then, because of the tunnel's width, I need to accompany one of my family members for all the compositions. Also, all compositions are end up with the same time interval. So, I used pattern recognition here to make a pattern. I will accompany one of my members and come back to bring back the cresset two times. Last time I will go through the tunnel with my last member of my family, the time will be 20 minutes past. Finally, we will catch the football match before it started.

2-)

1. M is a positive integer
2. N is a positive integer
3. Take the m from user
4. Take the n from user
5. Multiply the m itself n times
6. Show the result to the user

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