



## Megan Fox dials your number 2024/2025

Study online at [https://quizlet.com/\\_gfixsp0](https://quizlet.com/_gfixsp0)

1	Caller dials your mobile phone number from her fixed line telephone
2	The Public Switched Telephone Network notices that the number belongs to a GSM user and forwards the number to Gateway Mobile Switching Center
3	Gateway Mobile Switching Center identifies the correct Home Location Register and signals de Home Location Register for call setup
4	Home Location Register now checks whether the number exists and whether the user has subscribed to the requested services, and requests an Mobile Station Roaming Number from the current Visitor Location Register
5	The Home Location Register receives the Mobile Station Roaming Number
6	The Home Location Register can determine the Mobile Switching Center responsible for the Mobile Station and forwards this information to the Gateway Mobile Switching Center
7	the Gateway Mobile Switching Center can now forward the call setup request to the Mobile Switching Center indicated
8	Mobile Switching Center request status of Mobile Station from the Visitor Location Register
9	Visitor Location Register reports the status of the Mobile Station
10	if Mobile Station is available, Mobile Switching Center initiates paging in all cells of the Location Area the Mobile Station is in



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11	all Base Transceiver Station in the Base Station Subsystem transmit the paging request
12	Mobile Station answers
13	the correct Base Station Subsystem forwards the Mobile Station answer
14	the Visitor Location Register has to perform security checks (set up encryption ect.)
15-17	the Visitor Location Register then signals to the Mobile Switching Center to set up a connection to the Mobile Station