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Problems teach us how to think.

You can’t learn mathematics by watching someone else do it. Active learning involves solving problems of increasing difficulty - if you keep solving problems of the same difficulty, they simply become routine exercises. It’s not necessary, (and not even possible) to solve all the problems known to mathematics. So you need to select whatever you find appealing, instructive, interesting, and within your powers. In the process, you’ll develop your taste and become more mathematically ‘cultured’. This process is shown along several examples.

Classification: D50