

Algorithms → Graphs → [Breadth-first search](#)

Breadth-first search → Calculator

 Medium  2 minutes 

214 users solved this problem. Latest completion was 1 day ago.

Assume that we have a calculator with the following commands:

- add 3;
- multiply by 4.

What is the minimum number of commands needed to get **57** from **3**? Try to use graphs to solve this problem.

 Report a typo

⌵ Select one option from the list

- ☒ Impossible to get **57** from **3**.
- ☐ 4
- ☐ 3
- ☐ 5

✓ Correct.

18 users liked this problem. 2 didn't like it. What about you?



Continue

[Comments \(3\)](#)[Hints \(0\)](#)[Useful links \(0\)](#)[Show discussion](#)