

[Transport mechanisms](#)

- [Introduction](#)
- [Molecular diffusion in a medium](#)
- [Transfer across phase boundaries](#)
- [Examples for application](#)
- [Advective and dispersive transport](#)
- [References and links](#)

► [Selftest](#)

- ↓ ● [Question 1](#)
- ↓ ● **Question 2**
- ↓ ● [Question 3](#)
- ↓ ● [Answer](#)
- [Problems](#)

Question 2

How would the concentration curves in the figure below (from page [6 molecular_diffusion.html](#)) look like if

- the injected amount was doubled?
- the injected amount stayed the same but the cross sectional area of the pipe was doubled?
- there was an impenetrable wall at both ends of the pipe in a distance of 0.3 cm from the point of injection?



