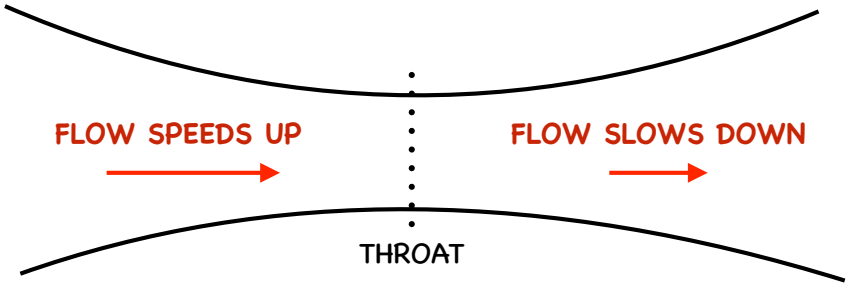
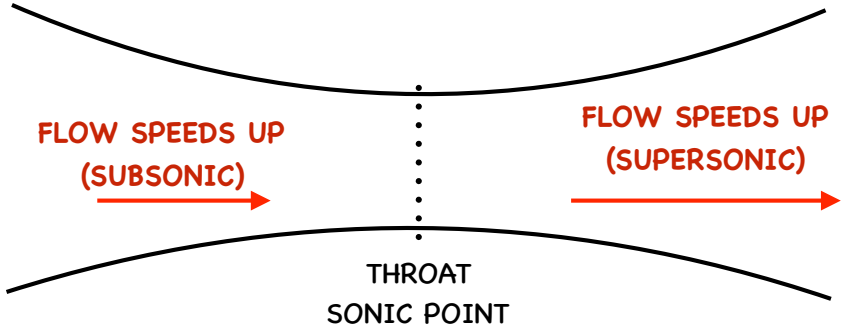
QUIZ ANSWER

THE RIGHT ANSWER IS **«D. IT DEPENDS»**

ACCORDING TO **COMMON SENSE** ONE EXPECTS THAT THE FLOW SHOULD SPEED UP AS THE NOZZLE NARROWS AND SLOW DOWN AS IT WIDENS AGAIN.
THIS IS ONLY TRUE IF THE FLOW IS SLOWER THAN THE SPEED OF SOUND (SUBSONIC).



IF THE WIDTH OF THE THROAT IS CORRECT TO ALLOW A **«SONIC POINT»** TO DEVELOP, THE FLOW FIRST SPEEDS UP UNTIL IT REACHES THE SPEED OF SOUND. BUT AFTER IT CROSSES THE THROAT, IT CONTINUES TO SPEED UP, CONTRARY TO COMMON SENSE.



IF THE FLOW IS ALREADY **SUPERSONIC** AND IT ENCOUNTERS A NARROWING OF THE NOZZLE, IT ACTUALLY SLOWS DOWN, CONTRARY TO COMMON SENSE. «I FOUND THIS INFORMATION IN A RUSSIAN ENGINEERING TEXT BOOK ON WIND TUNNELS AND ROCKETS», KEVIN HENG EXPLAINS.