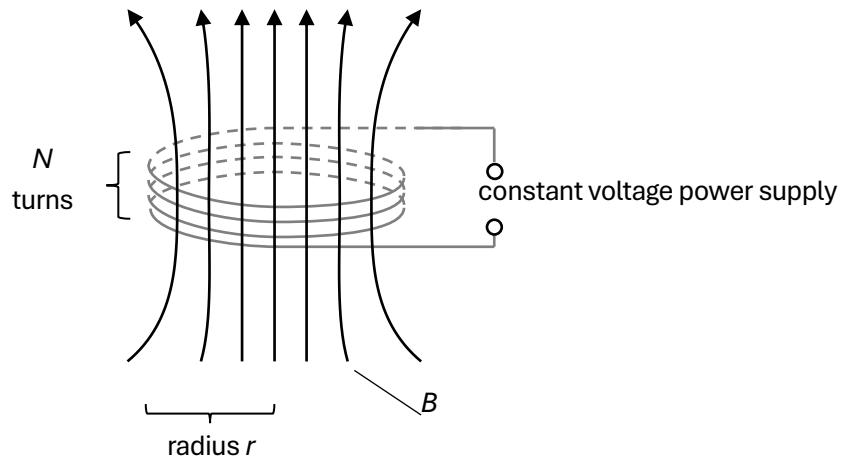


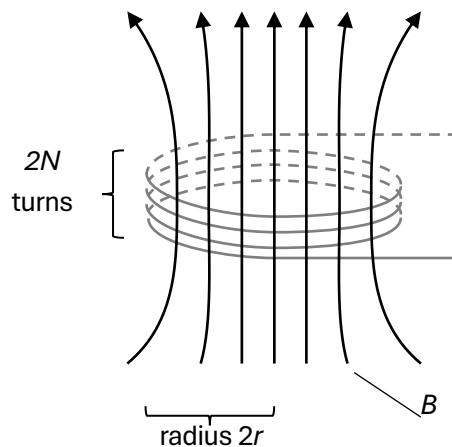
- 23 A flat circular coil with N number of turns and of radius r is connected to a constant voltage power supply. The diagram below is a visual representation of the magnetic flux density B generated when the power supply is switched on.

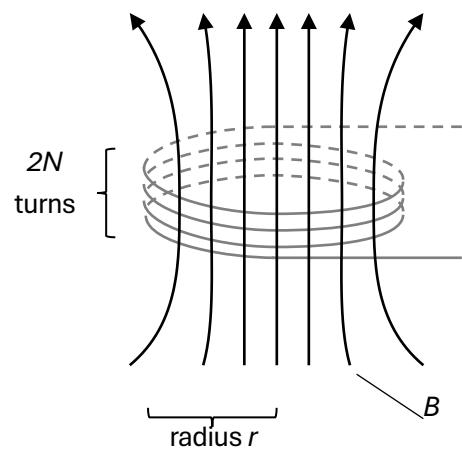


The flat circular coil is then replaced with another different number of turns and/or radius but made with the same type of wire. Which of the following representation of B is likely correct?

A

B





C

D

