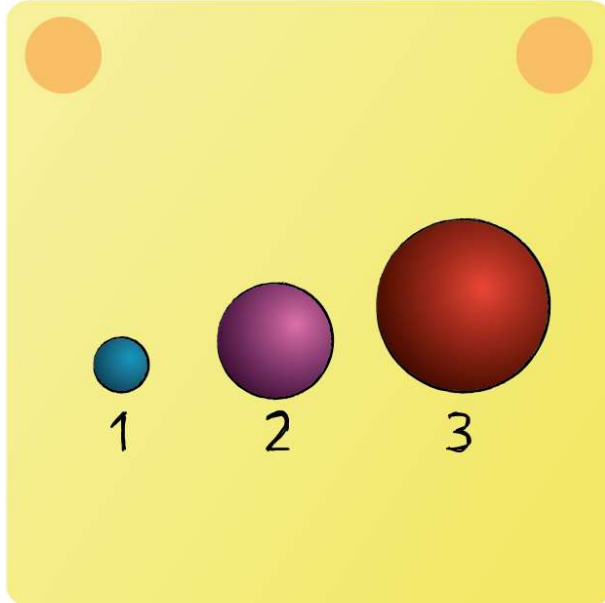# Lecture 6 - Question 3

An identical ideal air flow is passing the three cylinders as shown in the figure. For which of the three will the Reynolds number be the biggest?

$$\mathrm{Re_d} = \frac{\rho u_\infty d}{\eta}$$

The bigger the diameter, the bigger the Reynolds number will be. For that reason cylinder 3 will have the biggest Reynolds number.