Reynolds number = Re

@wikipedia

Dimensionless quantity characterising the ratio of inertial forces to viscous forces and corresponding fluid flow regime:

(1) $$\mathrm{Re} = \frac{u\,d}{\nu} = \frac{\rho\,u\,d}{\mu}$$

where

u	average cross-sectional flow velocity
d	characteristic linear dimension of the fluid conduit
ρ	fluid density
μ	dynamic viscosity
ν	kinematic viscosity

The physical meaning of Reynolds number is the ratio of Inertial forces to Viscous forces:

(2) $$\mathrm{Re} = \frac{\text{Inertial forces}}{\text{Viscous forces}} = \frac{u\,d}{\nu}$$

See also

Physics / Fluid Dynamics / Fluid flow regimes

[Reynolds number in Pipe Flow]