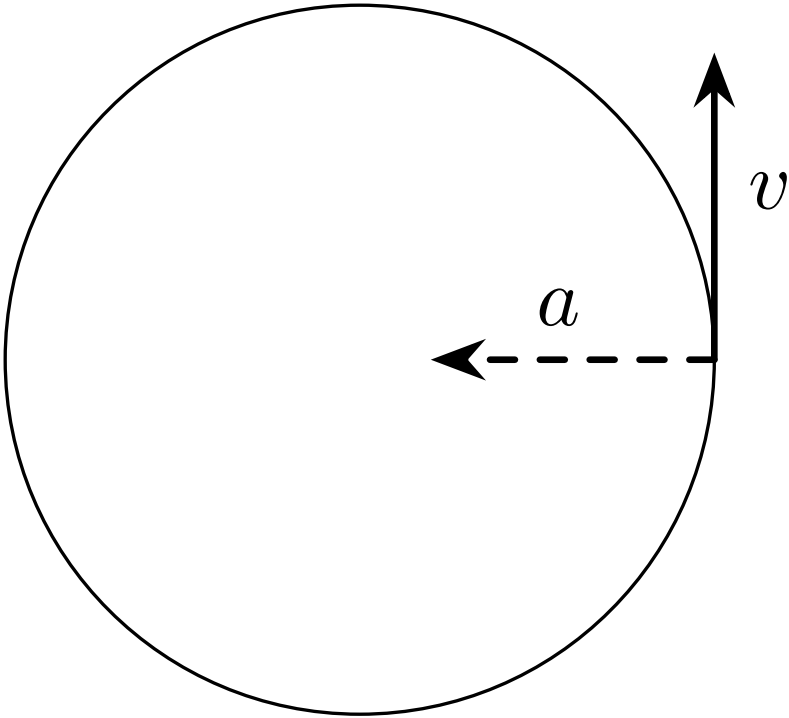


$$|a| = v^2/R$$