

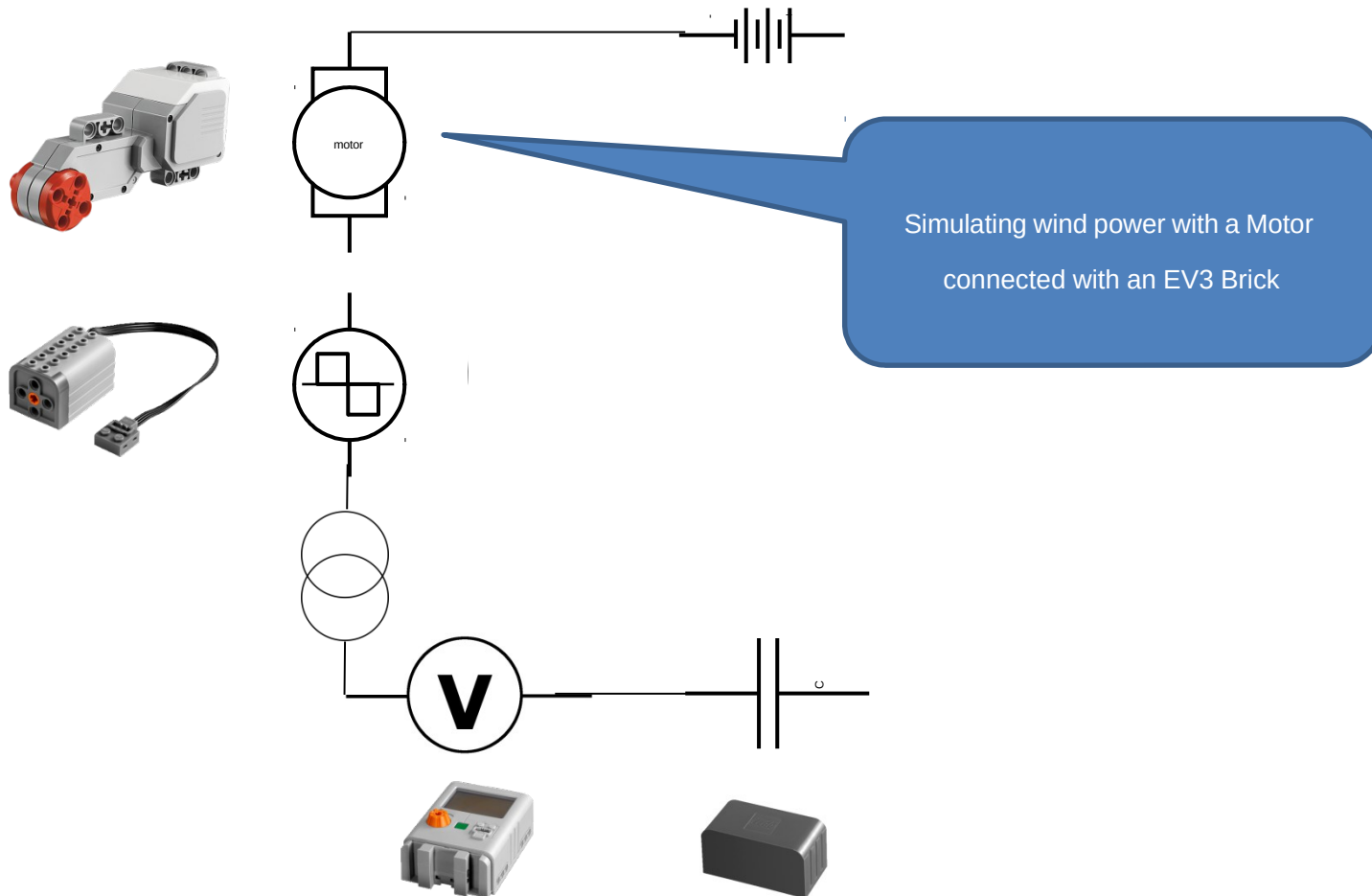
Introduction to Electricity with Lego Mindstorms

I Love Neutrinos

Juan Antonio Breña Moral

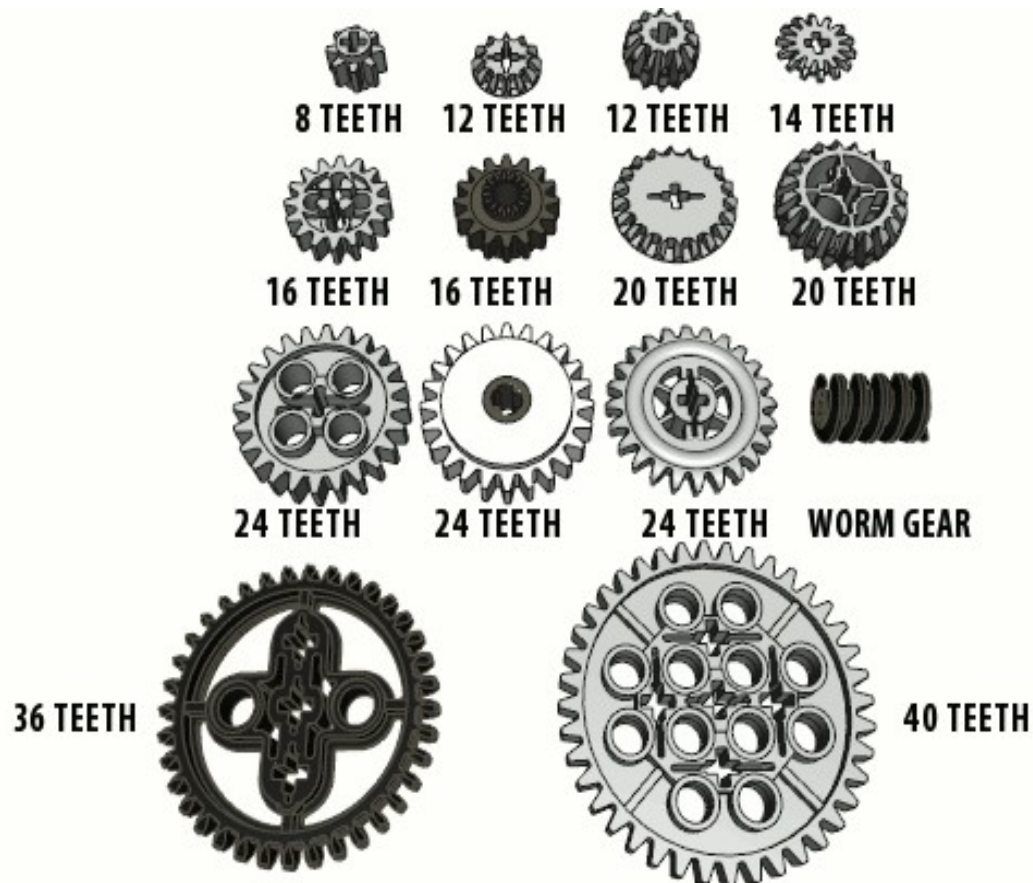
Exercise 1

- How many Watts generates your power plant?



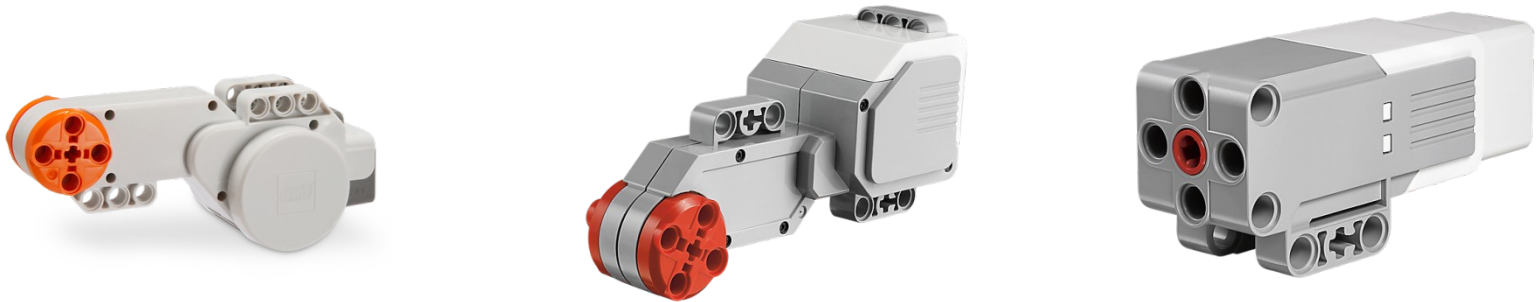
Exercise 2

- What is the best gear relation to generate Energy?



Exercise 3

- What is the motor with the best performance in Watts terms?



Note:It is possible to use PF Motors

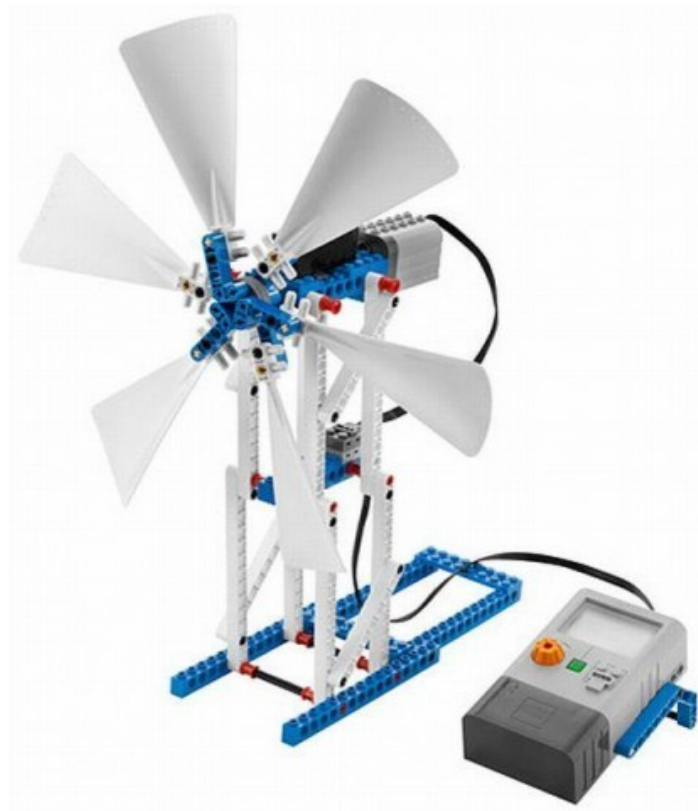
Exercise 4

- What is minimum number of Volts to run a EV3 Brick?



Exercise 5

- Build a Wind turbine



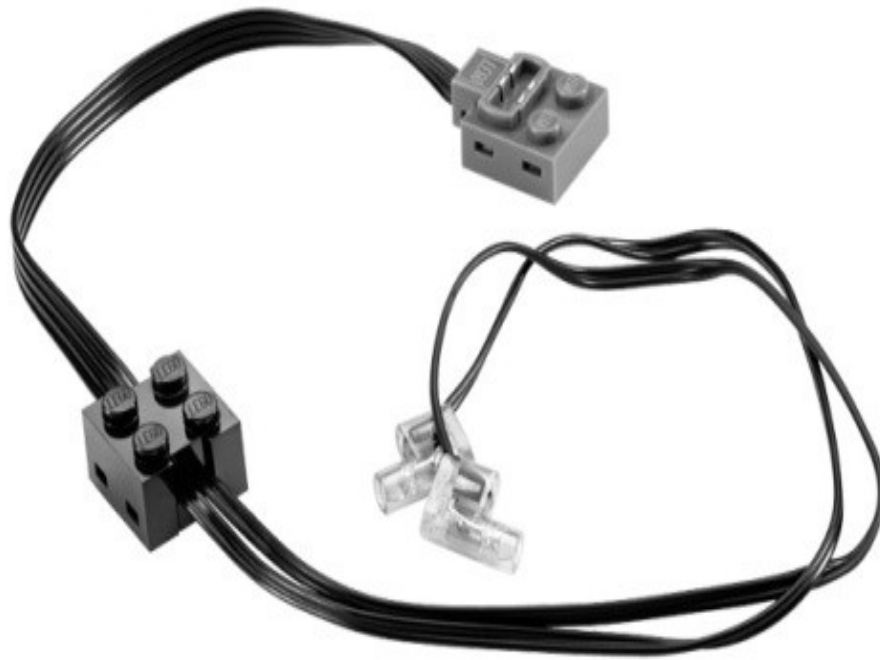
Exercise 6

- Develop a EV3 program which plays a sound if Power plant reach 50J



Exercise 7

- How many Amps a Lego lamp needs?



EE HomePage.com Powerpoint Symbol Collection

Discrete Components

