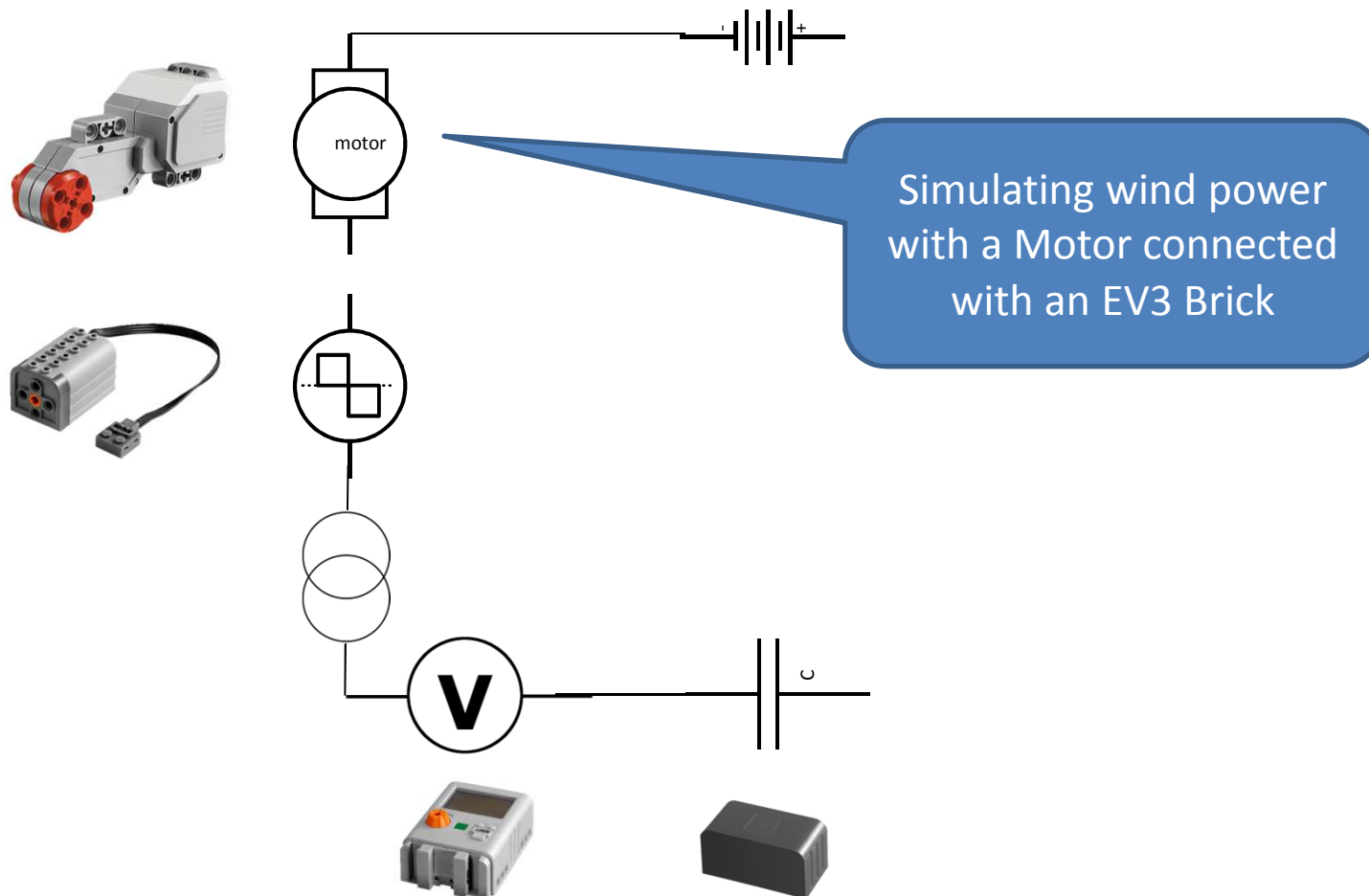


Introduction to Electricity with Lego Mindstorms

I Love Neutrinos
Juan Antonio Breña Moral

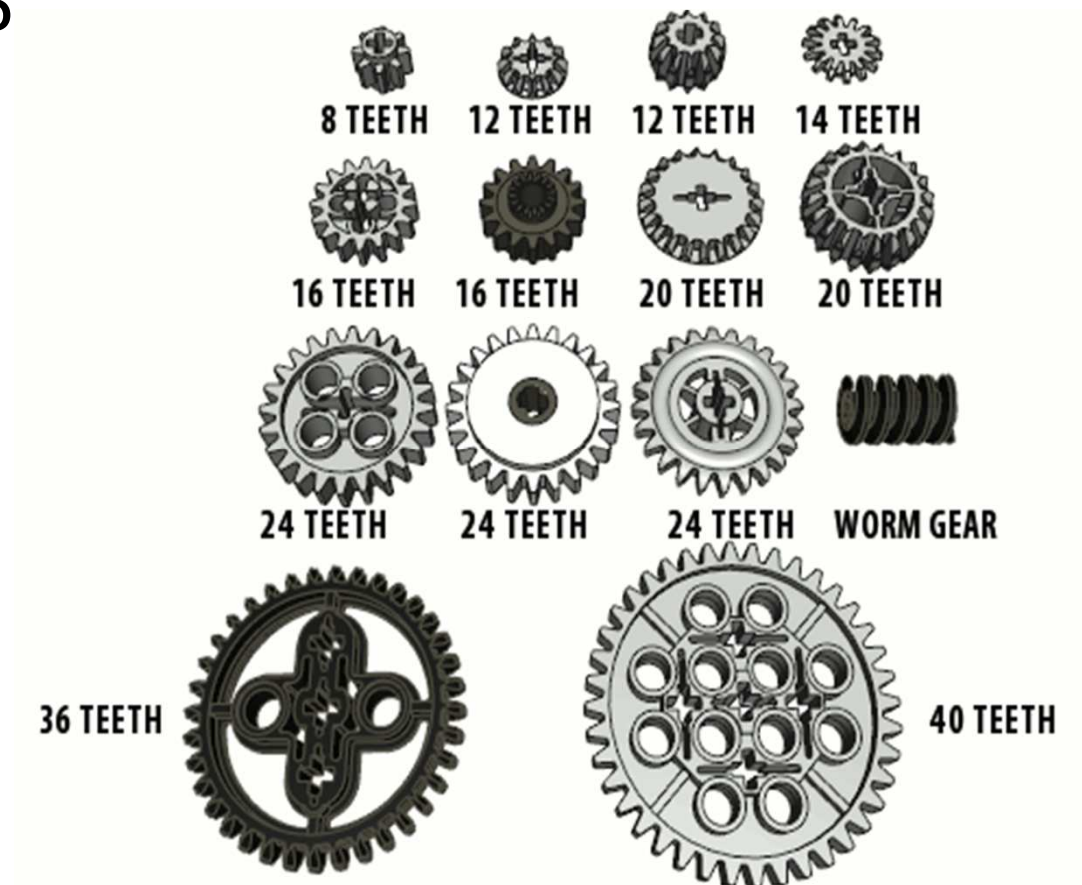
Exercise 1

- 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



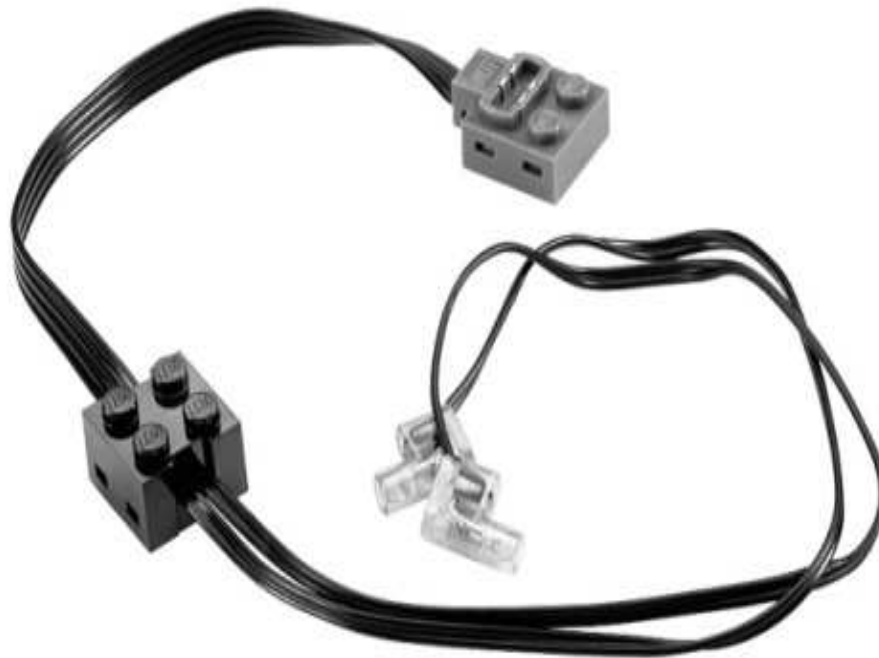
Exercise 6

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



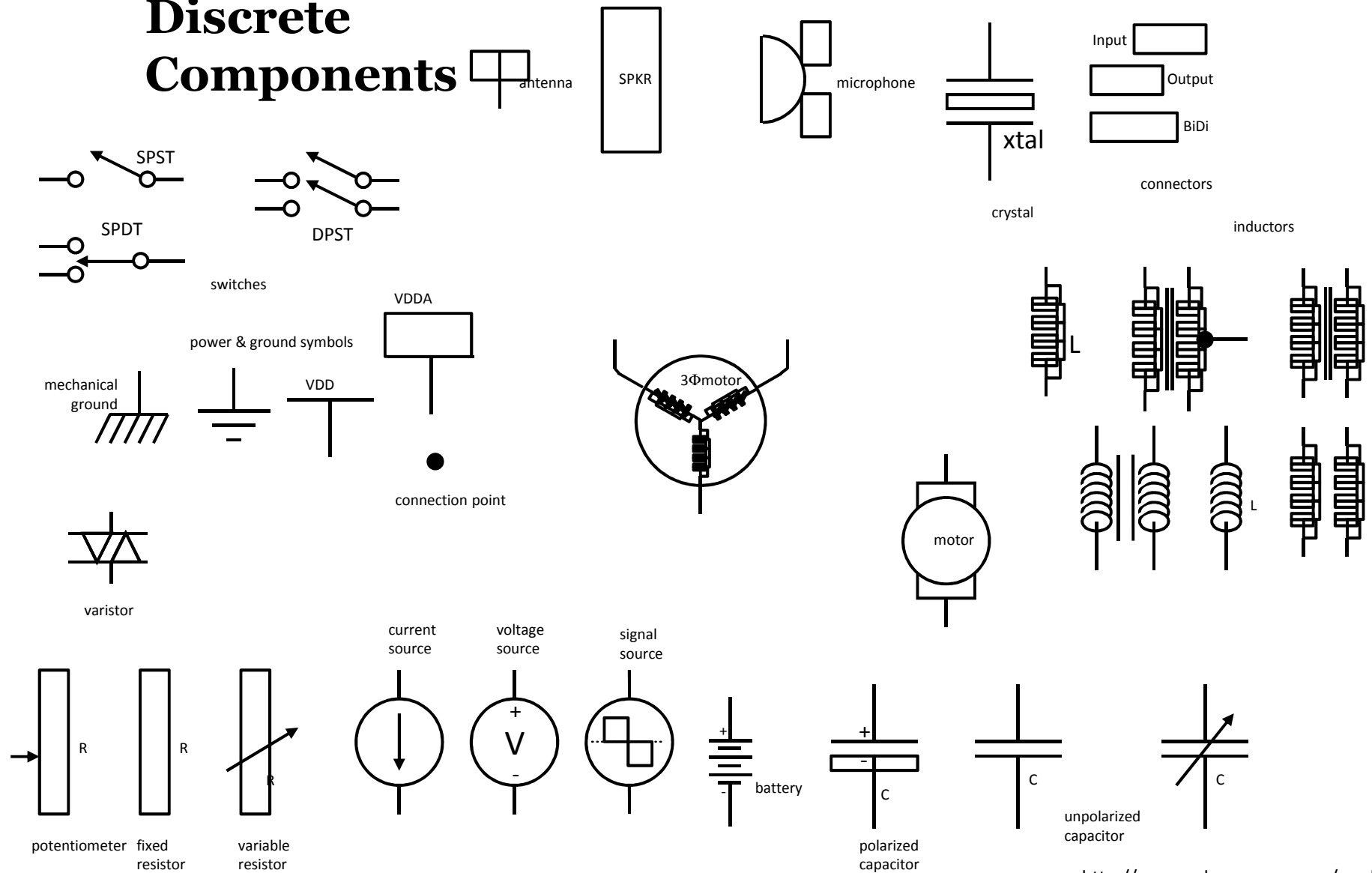
Exercise 7

- How many Amps a Lego lamp needs?



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