

Science 9
Unit D: Electrical Principles and Technologies
Lesson 11
Practice Worksheet 47: Electromagnetic Induction

Complete the following questions as you work through the readings and videos in Unit D Lesson 11.

Question 1

Briefly describe Hans Christian Oersted's scientific discovery.

Question 2

Briefly describe Michael Faraday's scientific discovery.

Question 3

What type of energy does a generator use, and what type of energy does a generator produce?

Question 4

What three things are needed to make an electromagnet?

- 1.
- 2.
- 3.

Question 5

What are two common uses for an electromagnet?

- 1.
- 2.

Congratulations! You have completed this practice worksheet.

Now it's time to carefully compare your answers to the suggested answers in the online course. When comparing, you should feel free to make changes to your answers or make extra notes.

Keep this practice worksheet for study purposes. Using practice worksheets as a study tool to review for exams is a great idea.

If you unsure about any of the questions or answers, or you just want more feedback, share this practice worksheet with your teacher and ask for assistance. You can do that by emailing the teacher, or by submitting it in the Course Questions Forum in the online course. If you are using this practice worksheet in Google Drive, don't forget to change the sharing settings so that anyone can view it before sending the link to your teacher.
