

Name :

Physics video of the week, number 3

The Thermoelectric Effect <https://youtu.be/06waiEeXDGo>

I True or false?

Circle the correct answer and justify if it's false

- T/F 1 The speaker believed that connecting a wire to a battery would trap the current in a loop.  
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- T/F 2 The thermoelectric effect can create a voltage from a temperature difference.  
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- T/F 3 The speaker explains that heating one end of a wire causes electrons to move apart.  
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- T/F 4 The SEEBECK effect is pronounced in all metals equally.  
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- T/F 5 A thermocouple is created by joining two similar metals together.  
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- T/F 6 The speaker uses a voltmeter to show that a small current is flowing in the wire loop.  
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- T/F 7 The PELTIER effect is the opposite of the SEEBECK effect.  
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II Translate into English

- ◇ Fil électrique :
- ◇ Alliage :
- ◇ Chauffer :
- ◇ Refroidir :
- ◇ Dans le sens des aiguilles d'une montre :
- ◇ Un chauffe-eau :
- ◇ Une coupure de courant :