

**Learning Outcome 5**

**Sample Assessment**

Question 1

**Explain what these common symbols mean on household appliances. Also name the unit of measurement used for each symbol:**



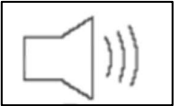
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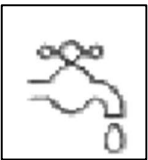
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Question 2

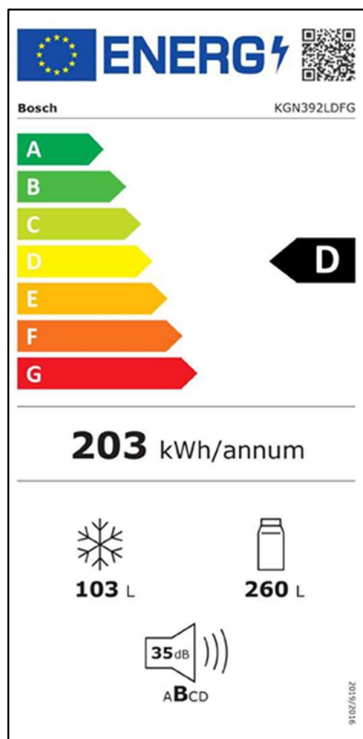
You are comparing two fridge freezers:

- **Product 1:** D-rated fridge freezer.  
Annual energy use: **265 kWh**
- **Product 2:** E-rated fridge freezer.  
Annual energy use: **307 kWh**

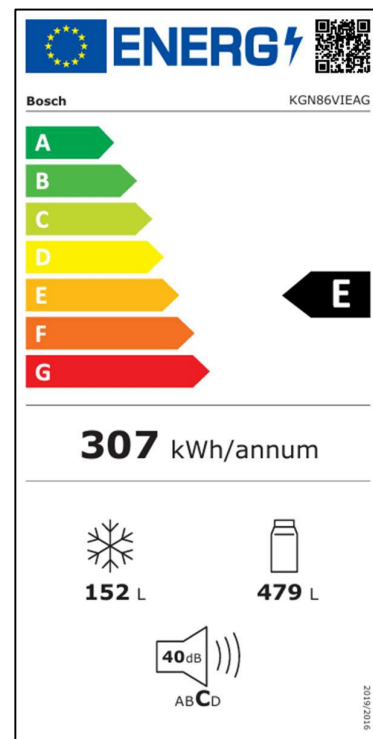
The electricity day rate is **€0.35 per kWh**.

**How much cheaper is Product 1 to run for one year compared to Product 2?**

**Product 1**



**Product 2**



Show your calculations.

**Product 1 cost per year:**

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**Product 2 cost per year:**

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**Difference in cost:**

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