Today

- Murder on Halloween

- Requested problems

All Hallow's Eve

- At 8:15 am, the temperature of the body is 32°C. The air temp is 14°C.

- When you leave the crime scene at 10:15 am, it is 31.24°C.

- What's the value of k in Newton's Law of Cooling?

(A) $k = 0.61$ °C hr^{-1} (C) $k = 0.61$ hr^{-1}

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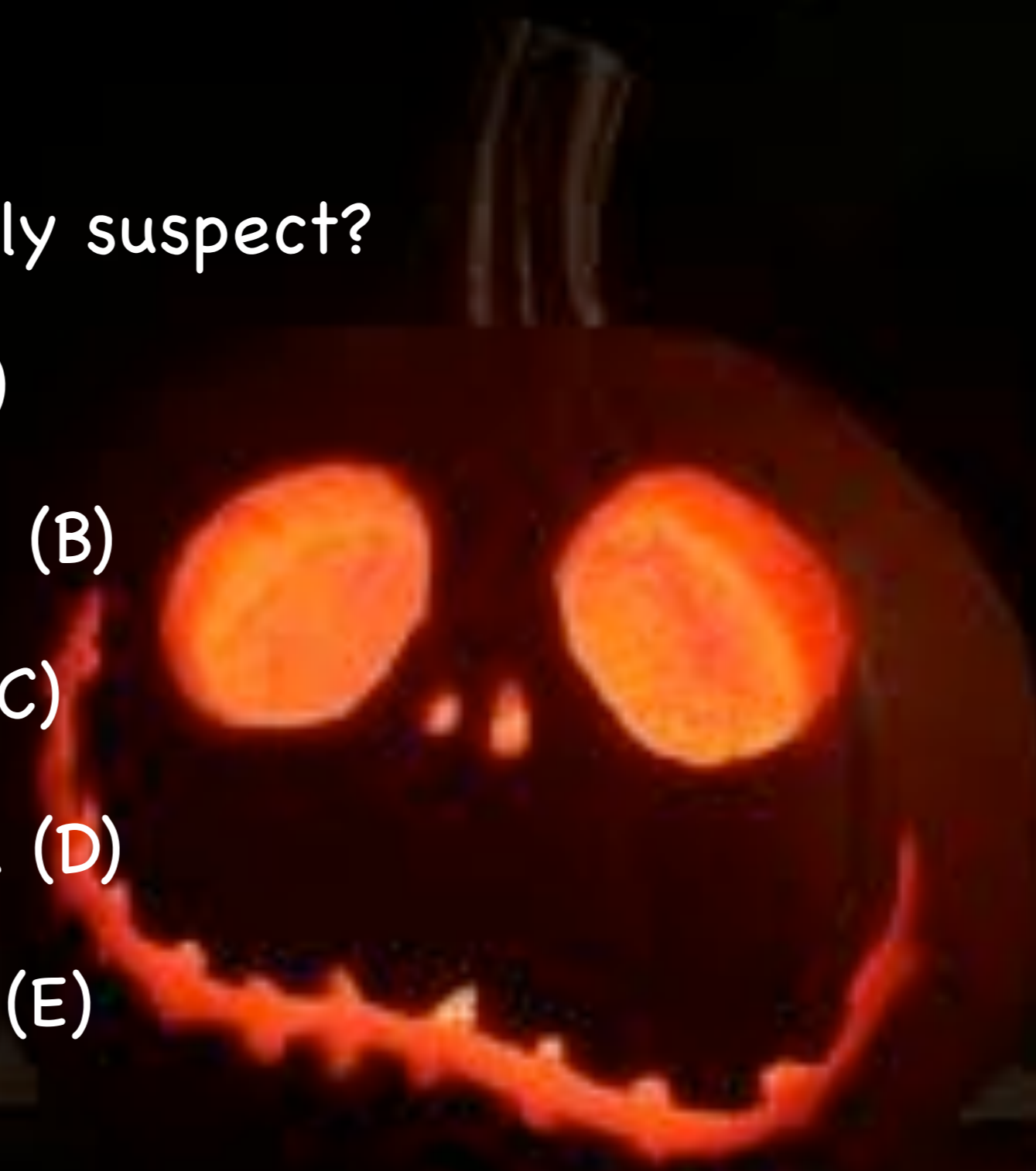- What's the value of k in Newton's Law of Cooling?

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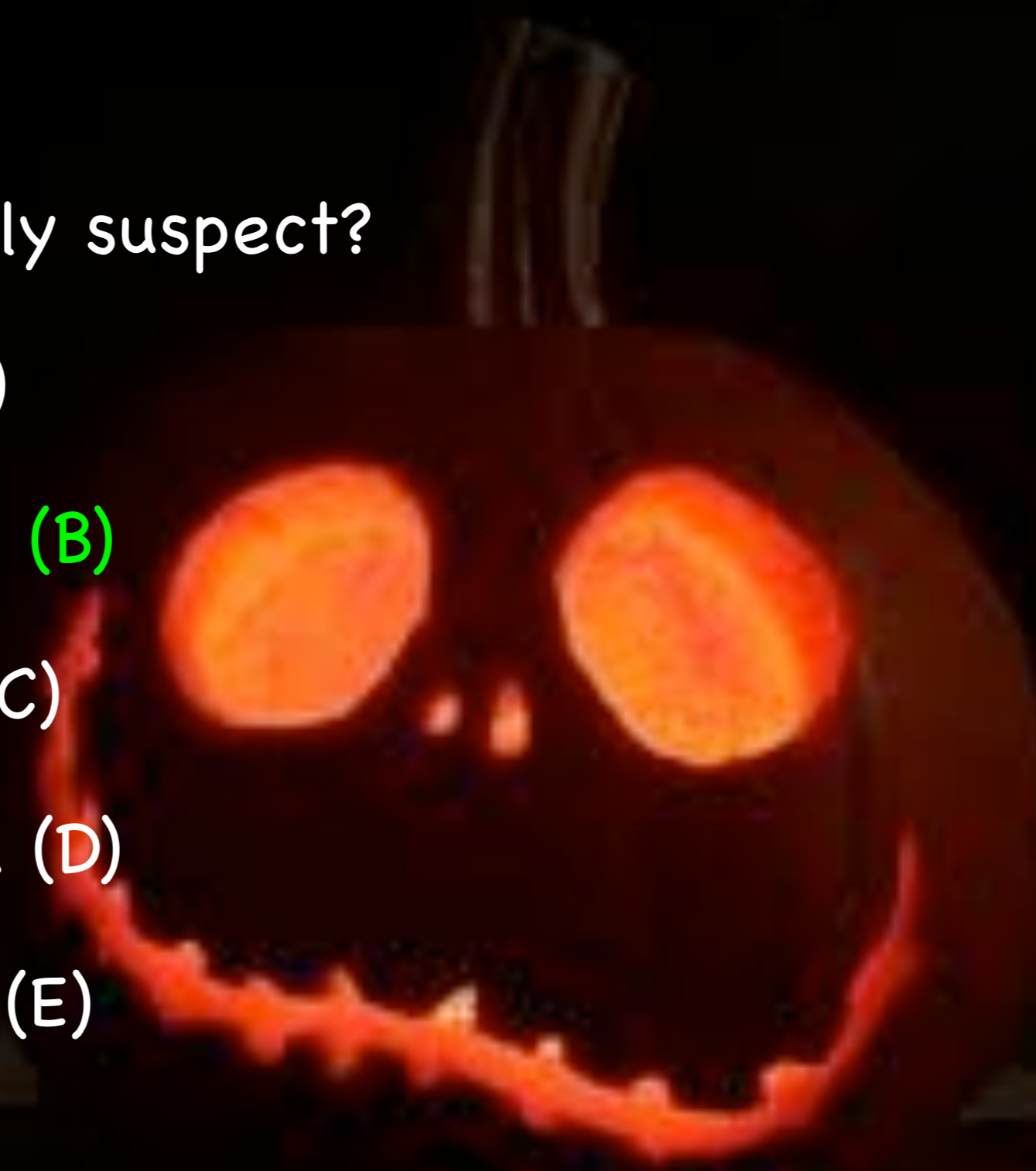
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  - 8:55 pm – Jinsong (B)
  - 9:05 pm – Maria (C)
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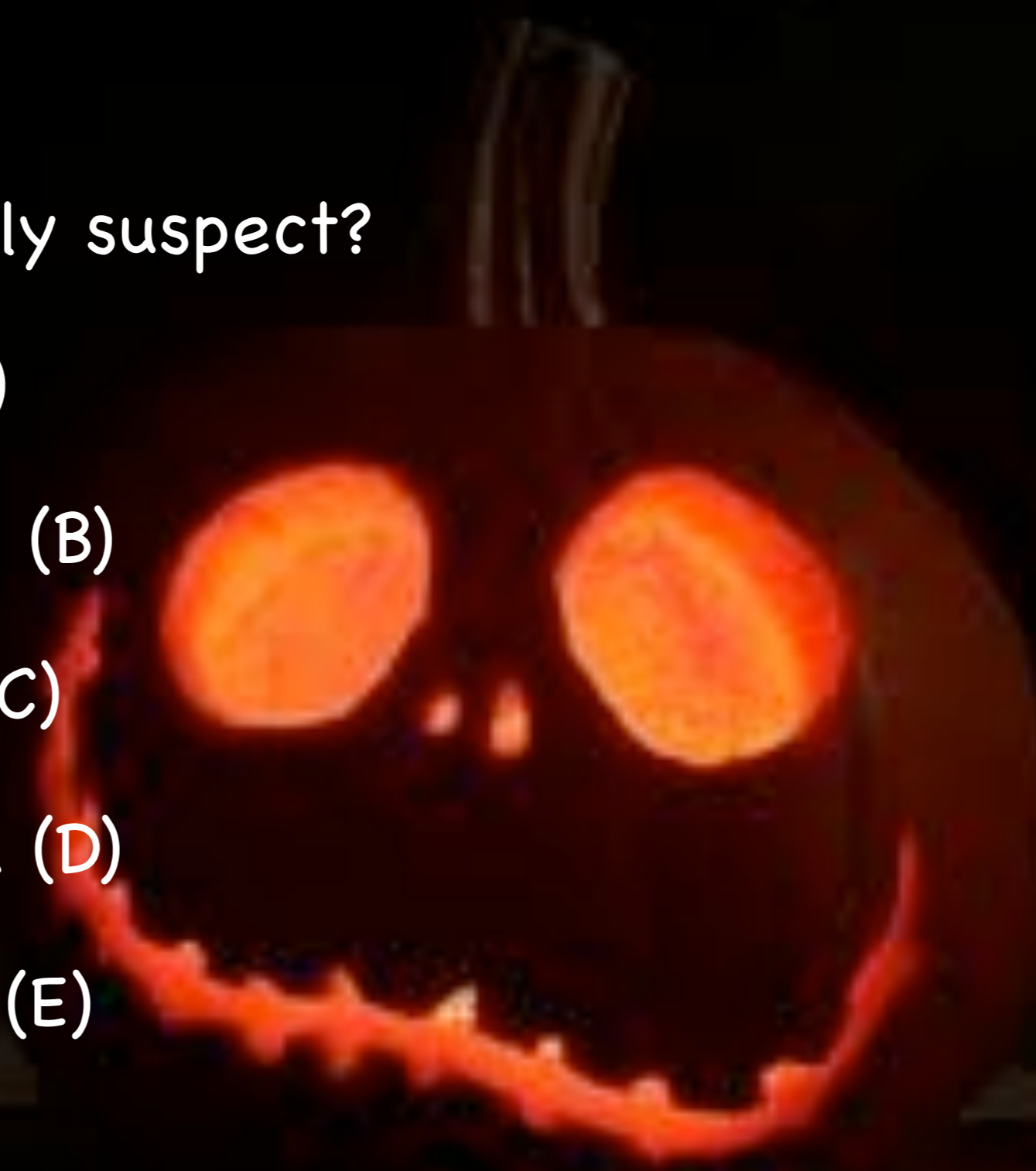
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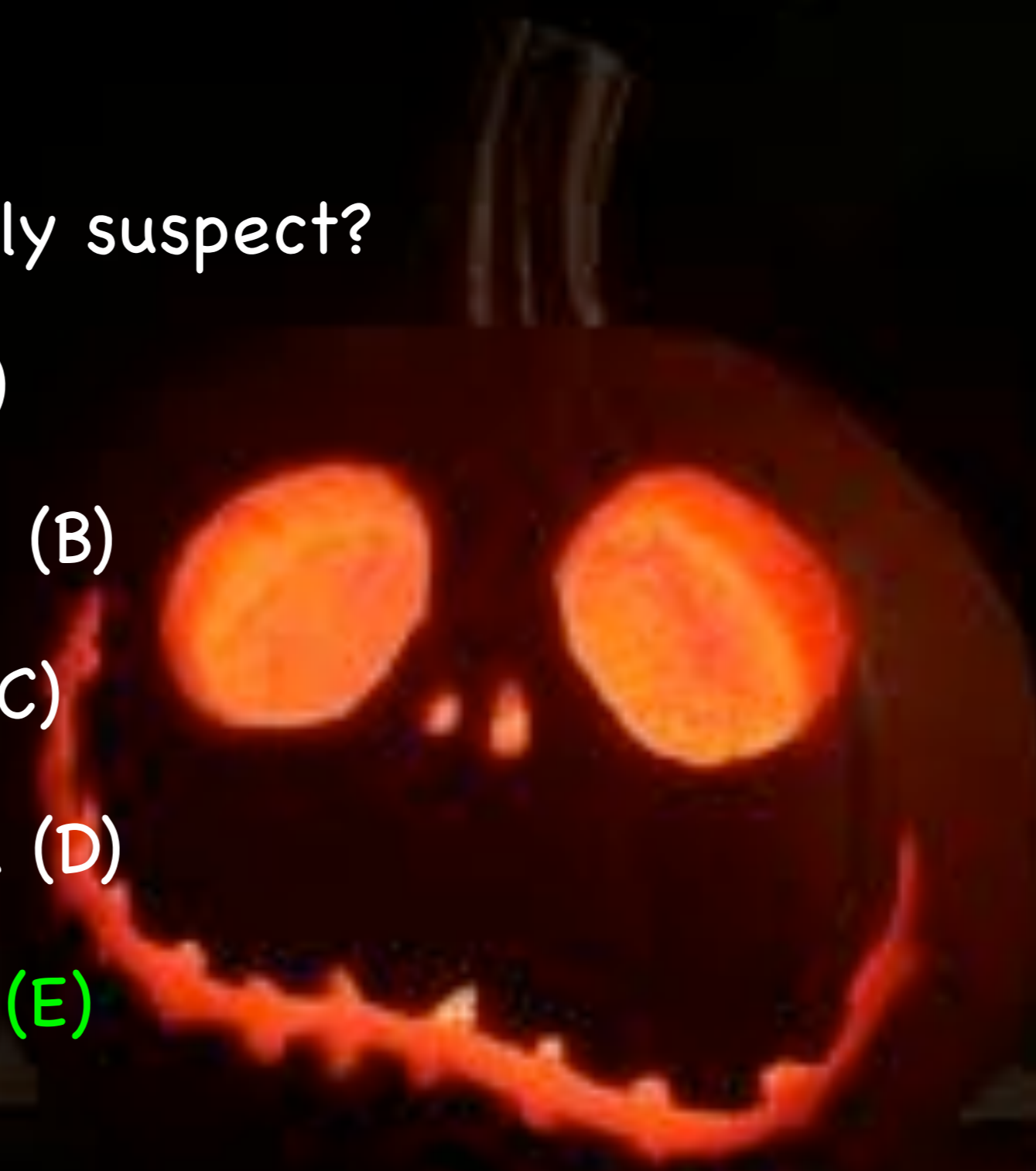
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Estimating time of death

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- Linear approximation to exponential decay!

Problems to discuss

(A) Fixed perimeter, maximize area of O+□.

(B) Foraging – if there is a specific question.

(C) Psychophysics from last year.

(D) Sketch a graph.