## Units

Quiz: Units

Let x(t) be the temperature of my house in degrees Celsius with t in hours. Suppose it satisfies the ODE:

$$\frac{dx}{dt} + kx = kT_e(t).$$

- 1. What are the units on *k*?
- 2. What are the units on  $T_e$ ?

Think about your answer and then look at the choices.

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