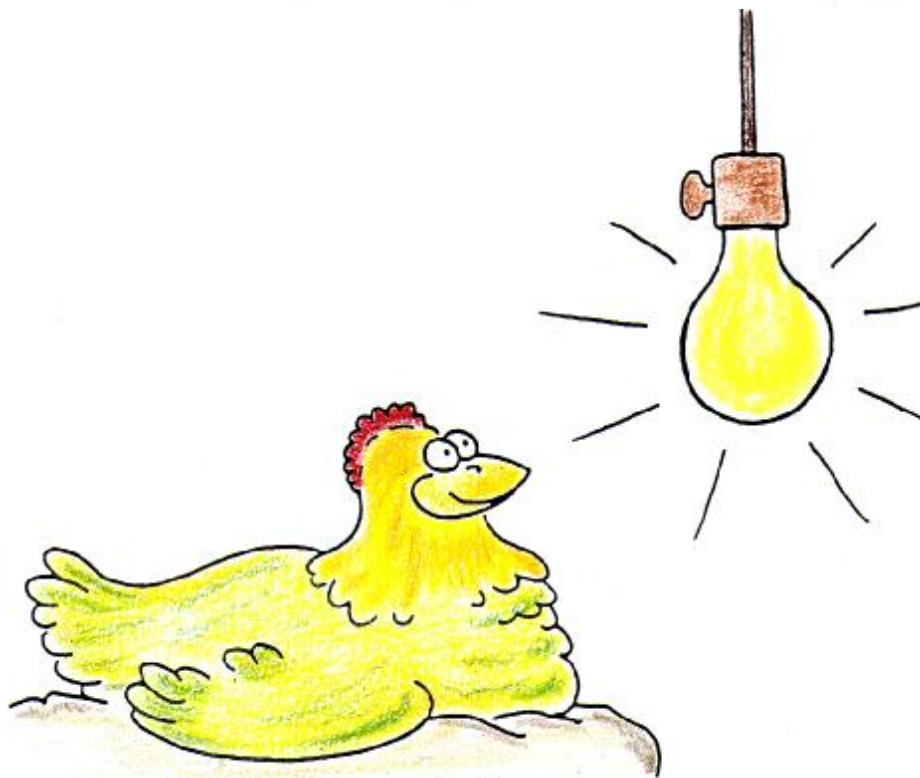


# NEXT-TIME QUESTION

The efficiency of a common incandescent lamp for converting electrical energy into heat is about

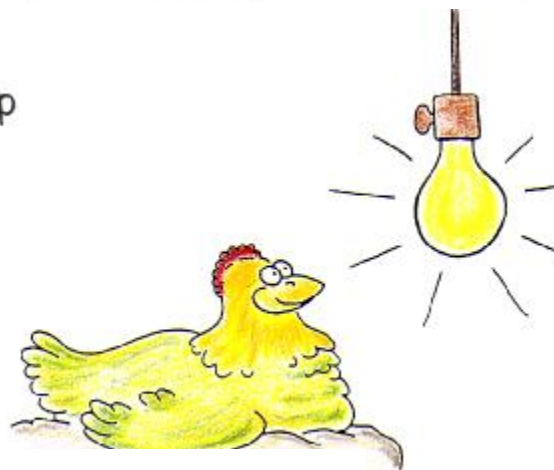
- a) 5%.
- b) 20%.
- c) 100%.



# NEXT-TIME QUESTION

The efficiency of a common incandescent lamp for converting electrical energy into heat is about

- a) 5%.
- b) 20%.
- c) 100%.



Answer: c, 100%

Although its efficiency for converting electrical energy into light is about 5%, all the energy dissipated by the lamp, even that momentarily converted to light, becomes heat.

That's why it isn't wasteful to keep the lights on in a building that is being electrically heated!

