**Metal that breathes**

**Match the words on the left and the ones on the right.**

blast

insulation

advent

irreversible

reliance

adjacent

differentiate

coefficient

sheathe in

drape

shutter

blind

cavity

cilium (pl. cilia)

power outage

przerwa w dostawie prądu

sąsiedni, przyległy

rzęsa

zasłona, zasłonić

jama, wgłębienie

pokryć czymś

żaluzja, okiennica

zasłona, roleta

współczynnik

izolacja

różnić, różnicować

nastanie, pojawienie się

zależność

podmuch, zniszczyć

nieodwracalny, bezpowrotny

**Answer the questions.**

1. Why did the presenter’s father not let her use the air conditioner?

2, Why did they use thick walls and small windows in the buildings in the past?

3. What factors influenced the changes in the 1930s?

4. How does she call the phenomenon where the urban areas are much warmer than the adjacent rural areas?

5. What is the function of the human skin?

6. What material does she work with?

7. Why is it called smart?

8. What exactly is the material?

9. What happens when the material is heated?

10. How many tiles are there?

11. What new system is she working on?

12. What animal’s breathing system is she trying to imitate in her new materials?

**What word is missing? All the expressions were used in the film.**

\_\_\_\_\_\_\_ the air conditioning

\_\_\_\_\_\_\_\_\_ reliance

a \_\_\_\_\_\_\_\_ energy state

I was a biology \_\_\_\_\_\_\_\_.

sweat \_\_\_\_\_\_\_\_

a different material \_\_\_\_\_\_\_\_\_\_

two different coefficients of \_\_\_\_\_\_\_\_\_

There are no two pieces \_\_\_\_\_\_\_\_\_ at all.

double-\_\_\_\_\_\_\_\_ window panel