Cockroaches do, however, have some **subtleties**. They leave chemical messages in their **droppings**, as well as emit **airborne** pheromones to signal other cockroaches about sources of food and water, and **alert** them to their own presence. The latter is more important, for these insects are actually somewhat **gregarious**.

Research has shown that cockroaches make group-based decisions, and tend to co-operate. One study placed a large number of cockroaches in a dish with three small shelters, and the insects divided themselves equally between two of them, leaving the third one empty. When these shelters were exchanged for two very large ones, all the cockroaches arranged themselves in just one. These creatures, it seems, prefer **the company of** others, and a rather fair allocation of resources.

Should I, therefore, feel any admiration? It is hard – in fact, in Western culture, cockroaches are almost universally depicted as **repulsive** and dirty pests.

Cockroaches use **1** _____ in the air to communicate, and show a willingness to **2** _____, yet the author struggles to feel **3** _____ for these insects.

1. Your answer:

2. Your answer:

3. Your answer:

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Hoàn thành bảng từ vựng sau:

Sort elements

subtlety (noun):

droppings (noun):

airborne

alert somebody to something

gregarious

the company of somebody

repulsive

phân, chất thải	
cảnh báo, khiến ai nhận thấy	
ghê tởm	
sự khôn khéo, tinh tế	
trong không khí	
tình trạng ở cạnh ai, đi cùng ai	
có tính bầy đàn	

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