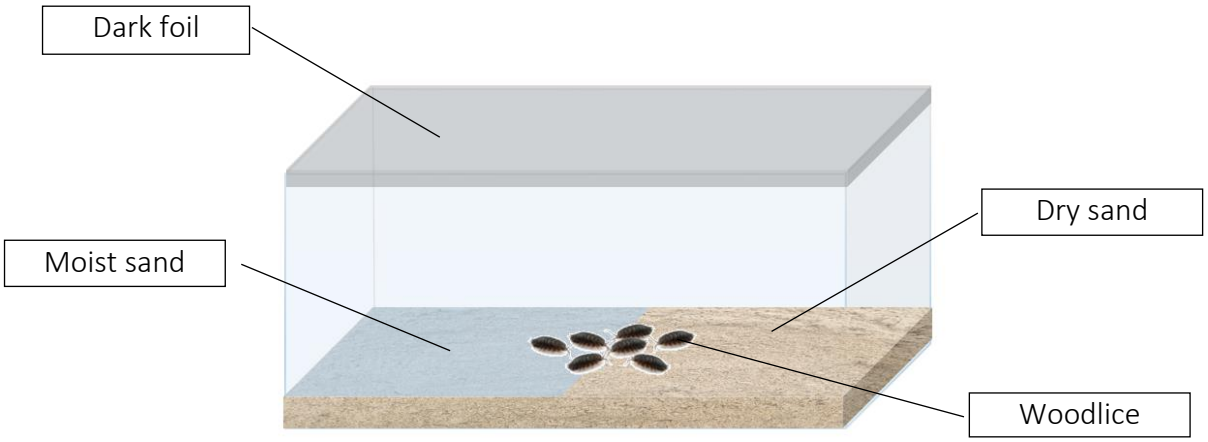
Experiments with Woodlice

To test his hypothesis about woodlice habitats, Jonas fills a container with sand. He moistens half of it with a bit of water. He places several woodlice in the middle of the container and then covers it with dark foil.

Jonas' experimental approach



Task 5

What hypothesis would Jonas like to test? *(P_Ass_F_MC)*

✎ Mark your answer!

☐ The foil creates different light ratios in the container.

☐ Woodlice prefer dark habitats.

☐ Woodlice prefer moist habitats.

☐ The temperature differs between the two halves of the container.

Task 6

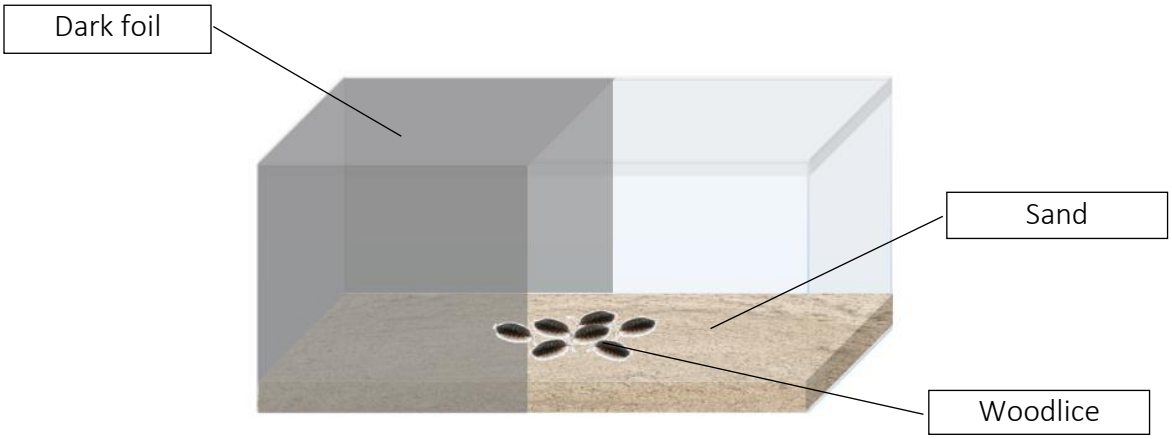
✎ Explain in 1-2 sentences why the woodlice need to be placed right in the middle of the container.

(P_Ass_F_O)

Experiments with Woodlice

To test his hypothesis about woodlice habitats, Jonas fills a container with sand. He places several woodlice in the middle of the container and then covers half of the container with dark foil.

Jonas' experimental approach



Task 5

What hypothesis would Jonas like to test? *(E1_Ass_L_MC)*

✎ Mark your answer!

☐ Woodlice prefer moist habitats.

☐ Woodlice prefer dark habitats.

☐ Woodlice prefer dry habitats.

☐ Woodlice prefer cool habitats.

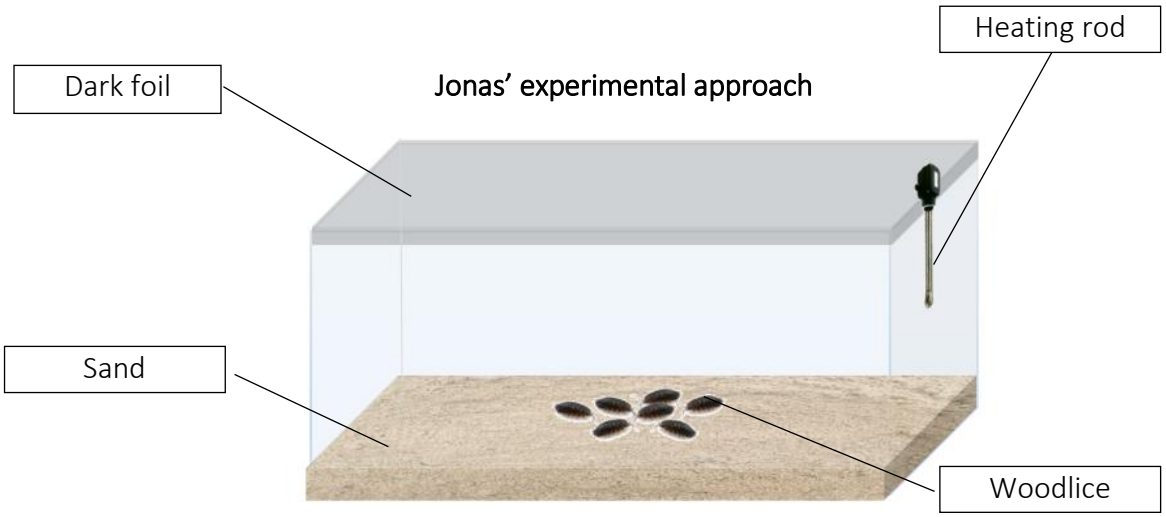
Task 6

✎ Explain in 1-2 sentences why several woodlice need to be used in the experiment.

(E1_Ass_L_O)

Experiments with Woodlice

To test his hypothesis about woodlice habitats, Jonas fills a container with sand. He affixes a heating rod on the right side. He places several woodlice in the middle of the container and then covers it with dark foil.



Task 5

What hypothesis would Jonas like to test? *(E2_Ass_W_MC)*

✎ Mark your answer!

☐ Woodlice prefer moist habitats.

☐ Woodlice prefer dark habitats.

☐ Woodlice prefer dry habitats.

☐ Woodlice prefer cool habitats.

Task 6

✎ Explain in 1-2 sentences why the woodlice need to be placed in the container at the same time.

(E2_Ass_W_O)