

KS1 Science Quiz - Investigating - Results Data (Questions)

This quiz addresses the requirements of the National Curriculum KS1 Science for children aged 5 and 6 in years 1 and 2. Specifically this quiz is aimed at the section dealing with investigating and looking at results data.

Children in a class have been investigating where woodlice like to live. They worked in groups of four. They used choice chambers to investigate. The choice chambers were in four sections:

- A - Empty
- B - Wet
- C - Dark
- D - Leaves

The children used 20 woodlice each time. They counted how many woodlice were in each section. They repeated their experiment. Another word for results is data. This quiz is all about the data they got.

1. Isabel's group got these results:

- A - Empty - 2
- B - Wet - 4
- C - Dark - 5
- D - Leaves - 9

What did Isabel's group find out?



- Woodlice like dark places
- Woodlice like light places
- Woodlice like dry places
- Woodlice like hot places

2. Isabel's group repeated the experiment. Here are their second set of results:

- A - Empty - 0
- B - Wet - 1
- C - Dark - 8
- D - Leaves - 11

Which two results are lower?



- Dark and Leaves
- Wet and Dark
- Empty and Wet
- Empty and Leaves

3. Katie's group got these results:

- A - Empty - 11
- B - Wet - 3
- C - Dark - 2
- D - Leaves - 2

How many woodlice have they counted in total?



- 11
- 14
- 18
- 20

4. Katie's group got these results:

- A - Empty - 11
- B - Wet - 3
- C - Dark - 2
- D - Leaves - 2

They started with 20 woodlice. But their results only add up to 18. Why might this have happened?



- Two woodlice have been eaten
- Two woodlice have gone back home
- Katie's group have miscounted
- Katie's group counted two woodlice twice

5. Karen's group got these results:

- A - Empty - 13
- B - Wet - 3
- C - Dark - 2
- D - Leaves - 2

All the other groups found a lot more woodlice in the dark and among the leaves. Why might Katie's group have got their results?



- They waited too long
- They didn't give the woodlice enough time to settle down
- They put too many leaves in
- They used a magnifying glass

6. Karen's group repeated their experiment. This time they waited ten minutes. Here are their results:

- A - Empty - 2
- B - Wet - 3
- C - Dark - 7
- D - Leaves - 8

How many woodlice are there in total this time?



- 12
- 15
- 18
- 20

7. Karen's group had repeated their experiment. Here are their results:

- A - Empty - 2
- B - Wet - 3
- C - Dark - 7
- D - Leaves - 8

What does Karen say about the results?



- 'I think woodlice are minibeasts'
- 'I think woodlice don't like being in the light'
- 'I think woodlice are interesting'
- 'I think it was fun'

8. The results for all six groups in the class were put together. Here are the totals for the class for the second set of results:

- A - Empty - 10
- B - Wet - 15
- C - Dark - 35
- D - Leaves - 60

How many woodlice were counted in total?



- 20
- 60
- 100
- 120

9. The results for all six groups in the class were put together. Here are the totals for the class for the second set of results:

- A - Empty - 10
- B - Wet - 15
- C - Dark - 35
- D - Leaves - 60

There were 120 woodlice altogether. What fraction of the woodlice liked to be among the leaves?



- A sixth
- A fifth
- A quarter
- Half

10. Ellie went home and told her Dad about investigating woodlice. She said, 'We found out that most woodlice like to live in _____'



- Sunny places
- Light places
- Dark places
- Empty places

KS1 Science Quiz - Investigating - Results Data (Answers)

1. Isabel's group got these results:

- A - Empty - 2
- B - Wet - 4
- C - Dark - 5
- D - Leaves - 9

What did Isabel's group find out?



- Woodlice like dark places
- Woodlice like light places
- Woodlice like dry places
- Woodlice like hot places

Woodlice like moist, dark places best.

2. Isabel's group repeated the experiment. Here are their second set of results:

- A - Empty - 0
- B - Wet - 1
- C - Dark - 8
- D - Leaves - 11

Which two results are lower?



- Dark and Leaves
- Wet and Dark
- Empty and Wet
- Empty and Leaves

If possible, it would be a good idea to try the experiment a third time

3. Katie's group got these results:

- A - Empty - 11
- B - Wet - 3
- C - Dark - 2
- D - Leaves - 2

How many woodlice have they counted in total?



- 11
- 14
- 18
- 20

Oh dear! They started with 20 woodlice

4. Katie's group got these results:

- A - Empty - 11
- B - Wet - 3
- C - Dark - 2
- D - Leaves - 2

They started with 20 woodlice. But their results only add up to 18. Why might this have happened?



- Two woodlice have been eaten
- Two woodlice have gone back home
- Katie's group have miscounted
- Katie's group counted two woodlice twice

If Katie's group had counted two woodlice twice, how many would there be? - 22

5. Karen's group got these results:

- A - Empty - 13
- B - Wet - 3
- C - Dark - 2
- D - Leaves - 2

All the other groups found a lot more woodlice in the dark and among the leaves. Why might Katie's group have got their results?



- They waited too long
- They didn't give the woodlice enough time to settle down
- They put too many leaves in
- They used a magnifying glass

Katie's group were in too much of a hurry to get out to play!

7. Karen's group had repeated their experiment. Here are their results:

- A - Empty - 2
- B - Wet - 3
- C - Dark - 7
- D - Leaves - 8

What does Karen say about the results?



- 'I think woodlice are minibeasts'
- 'I think woodlice don't like being in the light'
- 'I think woodlice are interesting'
- 'I think it was fun'

It is fun investigating minibeasts, but what had Katie's group found out?

6. Karen's group repeated their experiment. This time they waited ten minutes. Here are their results:

- A - Empty - 2
- B - Wet - 3
- C - Dark - 7
- D - Leaves - 8

How many woodlice are there in total this time?



- 12
- 15
- 18
- 20

All the woodlice are there!

8. The results for all six groups in the class were put together. Here are the totals for the class for the second set of results:

- A - Empty - 10
- B - Wet - 15
- C - Dark - 35
- D - Leaves - 60

How many woodlice were counted in total?



- 20
- 60
- 100
- 120

How did you add them up?

9. The results for all six groups in the class were put together. Here are the totals for the class for the second set of results:

- A - Empty - 10
- B - Wet - 15
- C - Dark - 35
- D - Leaves - 60

There were 120 woodlice altogether. What fraction of the woodlice liked to be among the leaves?



- A sixth
- A fifth
- A quarter
- Half

How many woodlice liked the dark or the leaves?

10. Ellie went home and told her Dad about investigating woodlice. She said, 'We found out that most woodlice like to live in _____'



- Sunny places
- Light places
- Dark places
- Empty places

What would you like to investigate about woodlice?