Female gray squirrels generally live longer than male gray squirrels. The table below shows the life spans of 6 squirrels that were part of a study.

|  |  |  |  |
| --- | --- | --- | --- |
| **Female Squirrels** | **Life**  **Span** | **Male Squirrels** | **Life**  **Span** |
| Daphne | 11.3 years | Boomer | 8.4 years |
| Kiwi | 9.7 years | Chipper | 9.2 years |
| Peanut | 10.5 years | Rocket | 7.9 years |

**Part A** According to the table, what was the difference, in years, of the average life span of a female gray squirrel and a male gray squirrel? Show your work or explain how you found your answer.

**Part B** According to the table what is the range of the life spans of all the squirrels? Show your work or explain how you found your answer.

Answer:

2 years

Female: 11.3 + 9.7 + 10.5 = 31.5 / 3 = 10.5

Male : 8.4+9.2+7.9 = 25.5 / 3 = 8.5

10.5 – 8.5 = 2

**Part A**

**1 point answer**

**1 point complete work or complete explanation**

**Part B**

**1 point answer**

11.3 - 7.9 = 3.4

**1 point complete work or complete explanation**