Name: \_\_\_\_\_\_\_\_\_\_\_

How many students will we need to lift the teacher?

**Guess:**

|  |  |
| --- | --- |
|  | Number of students |
| 1.The fulcrum near the students |  |
| 2.The fulcrum in the middle |  |
| 3.The fulcrum near the teacher |  |

Observation:

|  |  |  |  |
| --- | --- | --- | --- |
|  | Number of students | Height load lifted cm | Height force moves cm |
| 4.The fulcrum near the students |  |  |  |
| 5.The fulcrum in the middle |  |  |  |
| 6.The fulcrum near the teacher |  |  |  |

7. Which option took the least amount of students?

8. Which option gives us the most advantage?