**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Data Table**

**Data Sheet**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Marbles | Bag of 10 | Bag of 20 | Bag of 30 | Bag of 40 |
| Mass (g) | g | g | g | g |

**Slime Stretch Data Table**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Time (sec) | Distance (cm)No added stress | Distance (cm)Added stress (g) | Distance (cm)Added stress (g) | Distance (cm)Added stress (g) | Distance (cm)Added stress (g) |
| 0 | 0 | 0 | 0 | 0 | 0 |
| 5 |  |  |  |  |  |
| 10 |  |  |  |  |  |
| 15 |  |  |  |  |  |
| 20 |  |  |  |  |  |
| 25 |  |  |  |  |  |
| 30 |  |  |  |  |  |
| 35 |  |  |  |  |  |
| 40 |  |  |  |  |  |
| 45 |  |  |  |  |  |
| 50 |  |  |  |  |  |
| 55 |  |  |  |  |  |
| 60 |  |  |  |  |  |
| 65 |  |  |  |  |  |
| 70 |  |  |  |  |  |
| Snapped?Yes or No |  |  |  |  |  |
| Average Speed |  |  |  |  |  |
| Instantaneous Speed at 15 cm |  |  |  |  |  |