$\qquad$

Complete the following table for your experiment
For each drop you will do 5 trials
Drop the ball from 7 different drop heights, make sure the difference in distance is consistent (example: $10 \mathrm{~cm}, 20 \mathrm{~cm}, 30 \mathrm{~cm}$ or $15 \mathrm{~cm}, 30 \mathrm{~cm}, 45 \mathrm{~cm}$ )
To get the average bounce height, add the heights of the 5 trials and then divide by 5 Plot your data points on the graph

Bounce Height

| Drop Height | Trial 1 | Trial 2 | Trial 3 | Trial 4 |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  | Trial 5 |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |


| Drop <br> height | Average <br> Bounce <br> height |
| :--- | :--- |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |



