

## **Bounce stats**

Fill in your results on the table below. Do not fill in the last two columns at the start (these are for your own experiment later).

Name	<b>First attempt</b> (number of bounces in 10 seconds)	Second attempt (number of bounces in 10 seconds)	<b>Third</b> attempt (estimate)	Third attempt (actual)

When you have filled in the first two columns, answer these questions:

1.	How many people in the group improved?	
		•••••••••••••••••••••••••••••••••••••••

2. Who improved the most and by how may bounces?

3. What was your group's **total** for the first attempt?

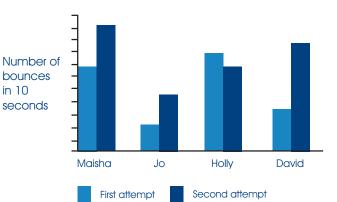
4. What was your group's total for the second attempt? .....

5. What was the **difference** between these two totals?





6. On the grid below, make a **bar chart** (graph) showing each person's results for both attempts. It should look like this:




## **Further questions:**

7. What was your group's **average** number of bounces for the first attempt?

8. How much did the average **increase** for the second attempt?

9. Estimate each person's third attempt results and put these on the table above.

10. Calculate how many bounces the fastest person could do in

one minute \_\_\_\_\_ one hour \_\_\_\_\_ one day



