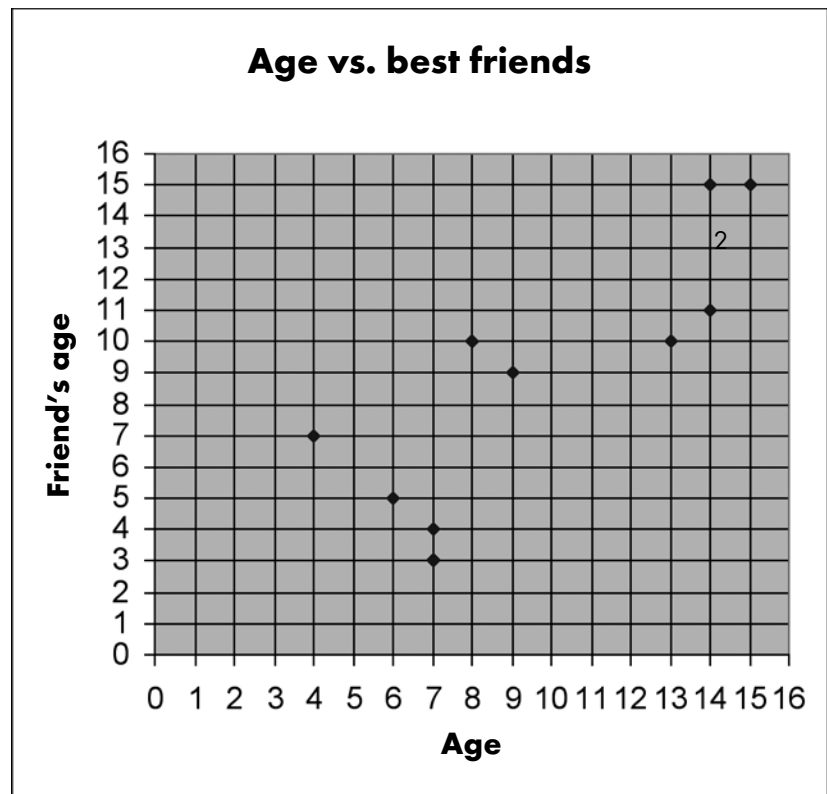


Name \_\_\_\_\_

## Day 2: Are You Regular?

Students of all ages were asked how many "best" friends they had. The results are listed in the table and in the scatter plot. Find the line of best fit for the data. Show all work.

Age	Friends
7	3
13	10
14	11
6	5
14	15
15	15
4	7
8	10
7	4
9	9
14	11



1. How would you classify the correlation for this data?

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2. If a child is 5 years old, how many friends would you expect him to say he has?

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3. If a student is 12 years old, how many friends would you expect her to have?

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