My Euler diagram

In this project, you will create an Euler diagram to visually organize information about something you are interested in. This could be about a hobby, yourself, your family, books, movies, and so on – use your imagination! Your diagram must include:

1. At **least 5** different properties.
2. At least 1 example (but more is better, as the diagram is more useful that way) of an element belonging to each region of your Euler diagram. Don't forget the "outside" region! Note: if one of your regions should be empty, add another property.

Notes:

1. Each property or definition should be precise enough that other people understand what it means.
2. Try to limit yourself to 1 collection of "partition"-style properties; that is, properties which break up your universe of items into distinct categories. Please speak to me if you want to use more than 1 set, so that we can see if it is appropriate.
3. The properties must be "useful," in the sense that they convey information you want to share about your topic.
4. Presentation matters! Since this diagram is used to visually represent your information, the diagram must be neat, and appropriate visuals are used.

Bonus points if you can visually convey addition information in the Euler diagram (for example: the Euler diagram on quadrilaterals we did in class).

Outline (due Thursday, May 28):
You must have, at a minimum:

	Example 1	Example 2
A (broad) topic	Math	Sports
An idea of what kind of elements you will use	$0, 1, 2, 3, \ldots$	Names of sports (volleyball, soccer, basketball, ...)
A (specific) topic, like a "title" for your diagram	"Classification of non-negative integers"	"Sports I have done in my life"
At least 5 properties to use	1. even 2. odd 3. prime 4. composite 5. perfect square 6. perfect cube	1. team sport 2. individual sport 3. Done as a child (¡ 14) 4. On high school team 5. Done during university 6. Been injured doing it
A rough sketch of your diagram	[See Example_1.pdf]	[See Example_2.pdf]

On Thursday, you will have an opportunity to share your Euler diagram with other people and to receive constructive feedback. You may then consider how to improve your diagram over the weekend.

Draft (due Monday, June 1)