

## Galaxy Shapes Journal

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1. When you classify galaxies in Galaxy Zoo Navigator, what types of questions are asked? Which features appear important to pay attention to?
2. Galaxy Zoo Navigator classification questions always begin with the same question. What is the question? Why do you think scientists chose that question to start with? (Consider the answer choices you have been given.)
3. How do your answers to the first classification question compare to the answers given by other Zoo members? Why do you think they don't agree perfectly?
4. OPTIONAL - Construct a graph that shows the distribution of apparent brightness (how bright the galaxy appears in the sky) for smooth galaxies and galaxies with features. Describe the type of graph you made, or paste a snapshot in below. What conclusions can you draw from your work?

5. Create a diagram of any shape or variety (chart, web, tree) to organize your galaxies. Explain your reasoning for organizing the objects in the way you chose.