

So, What All Is Out There, Anyway?

1) What are some things that you might find in a galaxy but not in a solar system?

2) What are some things you might find in a solar system?

3) Circle whichever is larger:

a) a filament of galaxies or a cluster of galaxies;

b) a planet or a star;

c) a universe or a solar system;

d) a moon or a nebula;

e) a galaxy or a black hole;

4) A planet is part of a solar system. But since a solar system is part of a galaxy, then you could also say that a planet is part of a galaxy. But since a galaxy is part of the universe, then you could also say that a planet is part of the universe. One the next page, place each of the following objects in any group that it can be part of. (Many objects will be in more than of group.)

you
your home
comets

asteroids
the Local Group
the Sun

clusters of galaxies
star clusters
Venus

moons
Proxima Centauri
the Pillars of Hercules

Solar System

Galaxy

Universe