

Cosmic Survey: What are your ideas about the Universe?

Question 1: How big?

You have been provided with images of seven different objects in space. With your group, arrange the pictures side by side in a row, **in order of actual size** of the object (or field of objects) pictured. Order the objects so that the smallest is on the left, largest on the right. One member of the group should write down and keep track of questions that arise as you order the images.

When your group is satisfied that you have the best order, record the names of the objects in the spaces below.

Objects Ordered by Actual Size

_____	_____	_____	_____	_____	_____	_____
1.	2.	3.	4.	5.	6.	7.
Smallest in Actual Size			Largest in Actual Size			



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Question 2: How far?

You have been provided with images of seven different objects in space. With your group, arrange the pictures side by side in a row, **in order of distance** of the object from Earth. Order the objects so that the object closest to Earth is on the left, farthest on the right. One member of the group should write down and keep track of questions that arise as you order the images.

When your group is satisfied that you have the best order, record the names of the objects in the spaces below.

Objects Ordered by Distance from Earth

_____	_____	_____	_____	_____	_____	_____
1.	2.	3.	4.	5.	6.	7.
Closest to Earth						Farthest from Earth



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Question 3: How old?

You have been provided with images of seven different objects in space. With your group, arrange the pictures side by side in a row, **in order of age**, beginning with the youngest (most recently formed) object, and moving in order to the oldest. One member of the group should write down and keep track of questions that arise as you order the images.

When your group is satisfied that you have the best order, record the names of the objects in the spaces below.

Objects Ordered by Age						
_____	_____	_____	_____	_____	_____	_____
1.	2.	3.	4.	5.	6.	7.
Youngest (Most Recently Formed)						Oldest

