

4. Now that you have calculated an approximate number of objects in the Hubble Deep Field image, how many such objects do you think there are in the universe?

I think there are _____ such objects in the universe.

5. Using the same information you now have, our astronomers recently recalculated the number of celestial objects in the universe. Using a multiplier (30×10^6) provided by the Hubble Deep Field team of astronomers, you can now calculate your own estimate.

	×	30 X 10 ⁶	=	_____	such objects in the universe.
Your Hubble Deep Field number of objects		Multiplier			

According to the mission astronomers, there are between 50 billion and 100 billion such objects in the known universe.

6. We would like you to compare your estimate to that of our mission astronomers. Please answer these questions in complete sentences (on the following page).