of Samos advanced ~~the~~ - in the _____ for the earth _____ B.C. (11.23)

Kepler used the extensive measurements of the motion of the heavenly bodies by Tycho Brahe, and added to them, and further refined the understanding of the planets. Later astronomers were able to measure the distance of the moon from the earth, and using this as a basis... by making observations from different parts of the earth, and also thus to determine its comparative size, then using the moon as the ~~focum~~, they were able to determine the distance of the sun and man came to understand that the sun 93 million miles away from us. More recently the distance of fixed stars was determined, and it was found that the nearest fixed star is 300,000 times as far away from us as the sun. In Genesis we read that God said to Abraham, used a figure of the great immensity by saying in _____ verse,

~~This~~

This verse, to a careful student of skies in the ancient times, must have seem rather meaningless. If you can count the stars, you will see that it will be possible to count your seed. In those days, prior to the invention of the telescope in the 16th century, the number of stars that were visible to the naked eye would be about 3,000. Surely it would not be difficult to acount them. If a person had only two children and each of them had two, and then each of them had two, and the two would survive, and so on, within 12 generations which might, in other words comparatively a few hundred years, even at this very slowly increasing rate, the number of the seed could be more than the number of stars that could be counted with the naked eye, in Abraham's time. Thousands of years after Moses recorded that God had made this statement to Abraham, the invention of telescopes enabled man to see to determine that there are about 2 billion stars that are visible with a telescope from this planets. Then 19_____, it was discovered