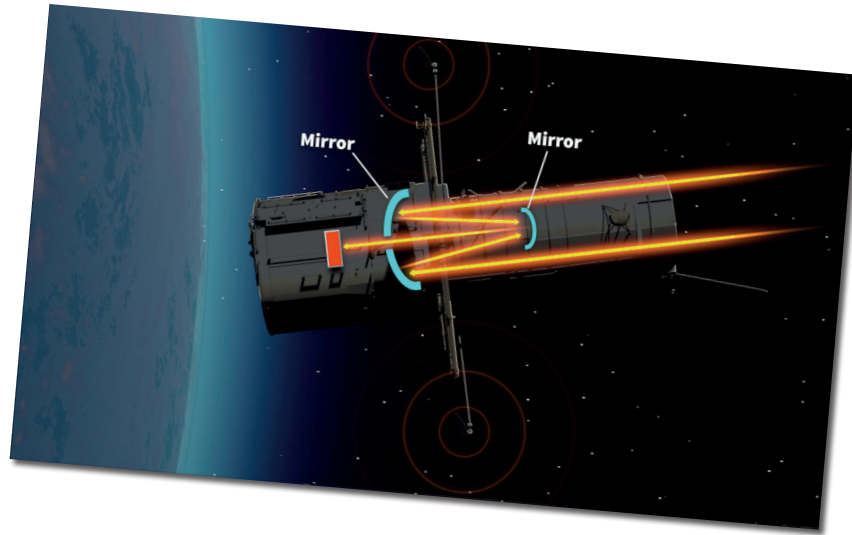


QUIZ

THE HUBBLE TELESCOPE, A WINDOW INTO THE UNIVERSE



Fill the gaps in the text with the correct information.

Hubble, the world's first large 1. _____ space-based telescope, was launched in the year 2. _____. Over time, it has sent back to earth a great number of images of distant 3. _____, galaxies and black holes.

Hubble can see objects with an angular size of 4. _____ arc seconds. Its 5. _____ permit it to lock on to a target a mile away without deviating more than the 6. _____, of a human hair.

The telescope has two mirrors. Light enters through an 7. _____ door, bounces off the primary mirror onto a smaller one, and is reflected back through a 8. _____ in the main mirror to the telescope's instruments. Data is then sent through a 9. _____ satellite down to earth.

Among its other discoveries, Hubble has revealed tthat the earth is about 10. _____ billion years old.

Answers : 1. optical - 2. 1990 - 3. solar systems - 4. 0.05 - 5. gyroscopes - 6. width - 7. aperture - 8. hole - 9. relay - 10. thirteen to fourteen / 13 to 14.