

NOTE:

field: Give 2 reasons why it is difficult to detect exoplanets using imaging. Start numbering as: 0. Reason.

field: 0. Exoplanets are faint with respect to the star they orbit. 1. Exoplanets orbit their stars relatively close.

field: Because they orbit their star so close, it is difficult to distinguish them from the star, and they might be obfuscated by the star for a large fraction of their orbit.

NOTE:

field: Give the order of the solar planets from inside to outside, commaseparated

field: Mercury, Venus, Earth Mars, Jupiter, Saturn, Uranus, Neptune

NOTE:

field: What are the terrestrial planets?

field: Mercury, Venus, Earth Mars

NOTE:

field: Give 4 similarities between the radial structure of the terrestrial planets. Start numbering as: 0. Reason.

field: 0. Iron/nickel core 1. Mantle with silicates 2. Outer lithosphere 3. Similar order of magnitude of size

field: Because they orbit their star so close, it is difficult to distinguish them from the star, and they might be obfuscated by the star for a large fraction of their orbit.

NOTE:

field: Give 3 reasons why an albedo can change. Start numbering as: 0. Reason.

field: 0. The surface of a body might change while it rotates. 1. Weather may change the reflectivity of the body. 2. The composition of the atmosphere of the body may change locally, yielding a different reflectivity.