

3. $v > v_2$, ^{than} it will leave the solar system

& $v < v_2$

- | | |
|-----------|---------|
| 1. No one | Mercury |
| 2. All | Bee |

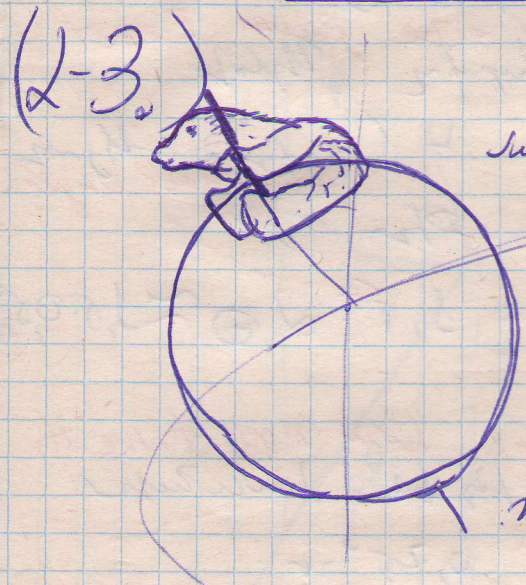


Diagram with a satellite orbiting a planet. The satellite is shown in a circular orbit around the planet. The planet is represented by a larger circle. The satellite is shown as a smaller circle with a tail, orbiting the planet. The diagram illustrates the geometry of a satellite's orbit around a planet.

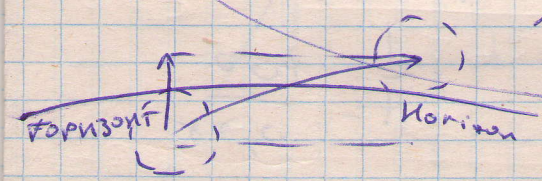


Diagram showing a horizon line and a vertical axis. The horizon is a horizontal line. A vertical axis is drawn from the horizon. The diagram illustrates the geometry of a horizon and a vertical axis.

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That the altitude of the sun (or planet) the sun is changed during the year from -25° to 25° .
 That the moduli vector of changed the sun altitude will be 50° .

$$v = \frac{50}{1/2} = 100 \text{ \% / year}$$