



Guess the  
Distance to  
Earth

# Objectives of Activity

1. Learn the estimated distance of each planet to Earth
2. Learn the order of the planets
3. Build an understanding of distance

## How to...

Use the animated Powerpoint Slideshow below to introduce children to the distance of the planets to earth

# Distance from Earth



# Distance from Earth - Rocky Planets



Venus  
15 months

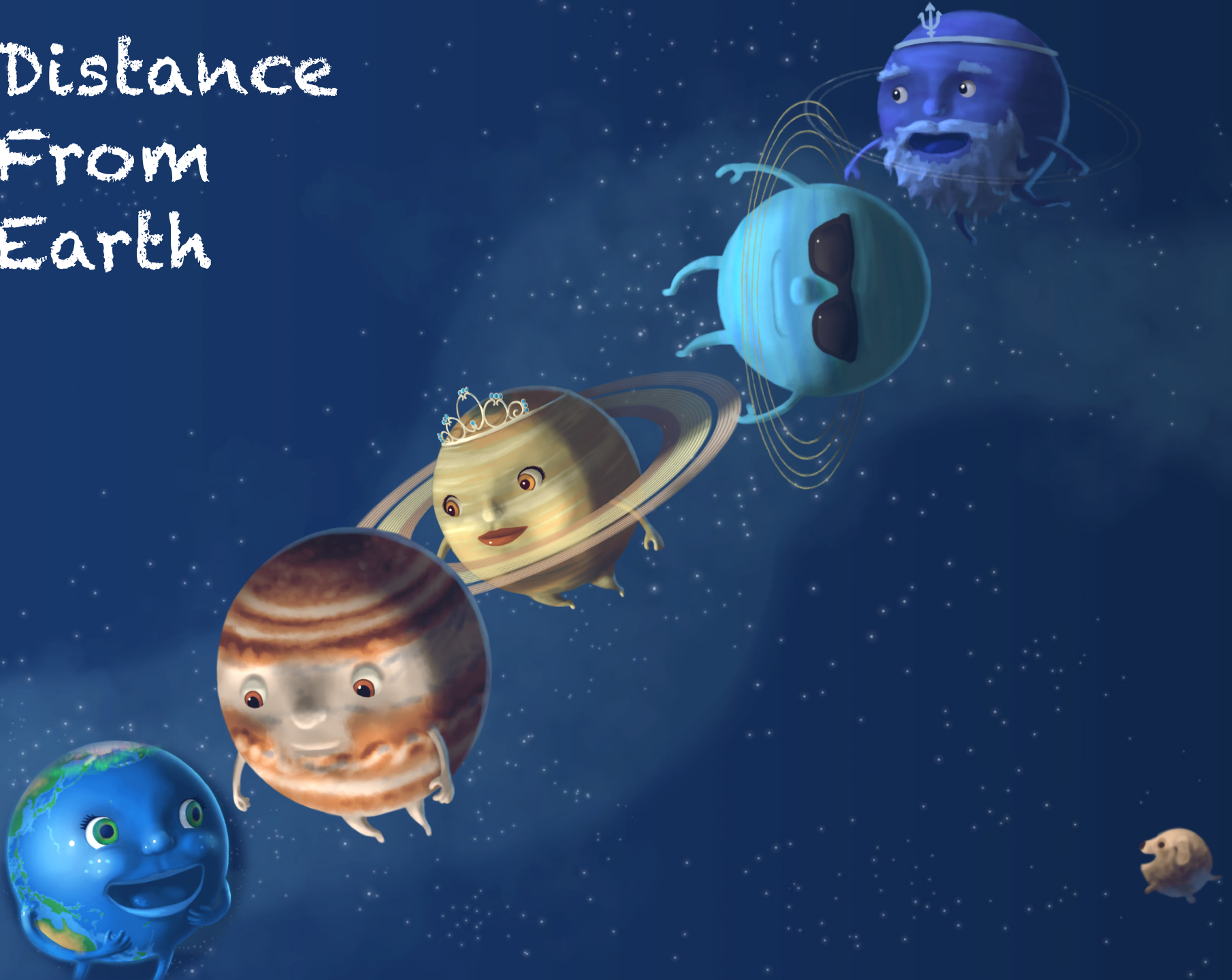


Mercury  
6.5 years



Mars -  
7 months

# Distance From Earth



# Distance From Earth - Gas Planets



Jupiter  
6 years



Saturn  
7 years

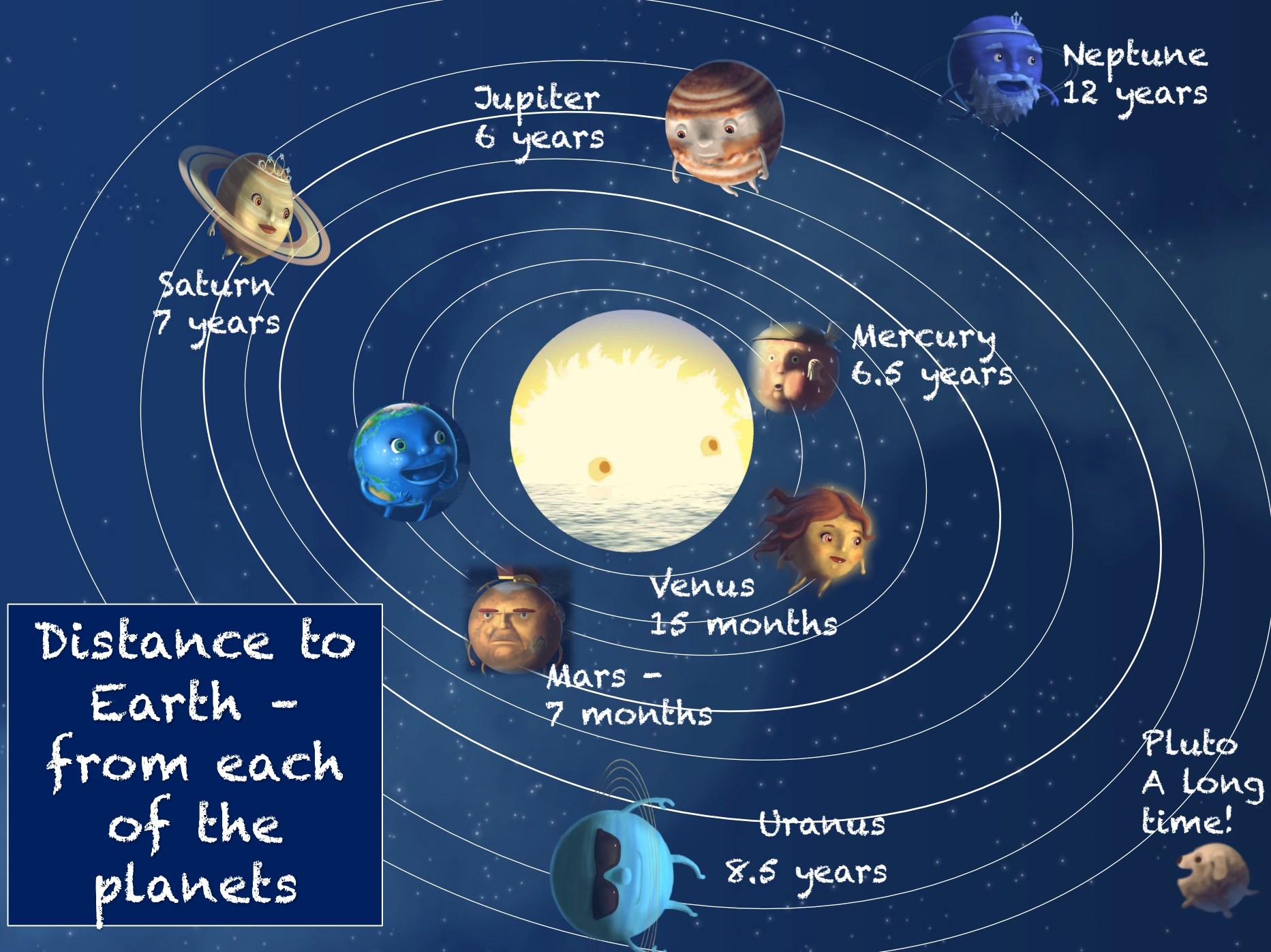


Uranus  
8.5 years



Neptune  
12 years

Pluto -   
A long time!



Jupiter  
6 years

Neptune  
12 years

Saturn  
7 years

Mercury  
6.5 years

Venus  
15 months

Mars -  
7 months

Uranus  
8.5 years

Pluto  
A Long  
time!

Distance to  
Earth -  
from each  
of the  
planets

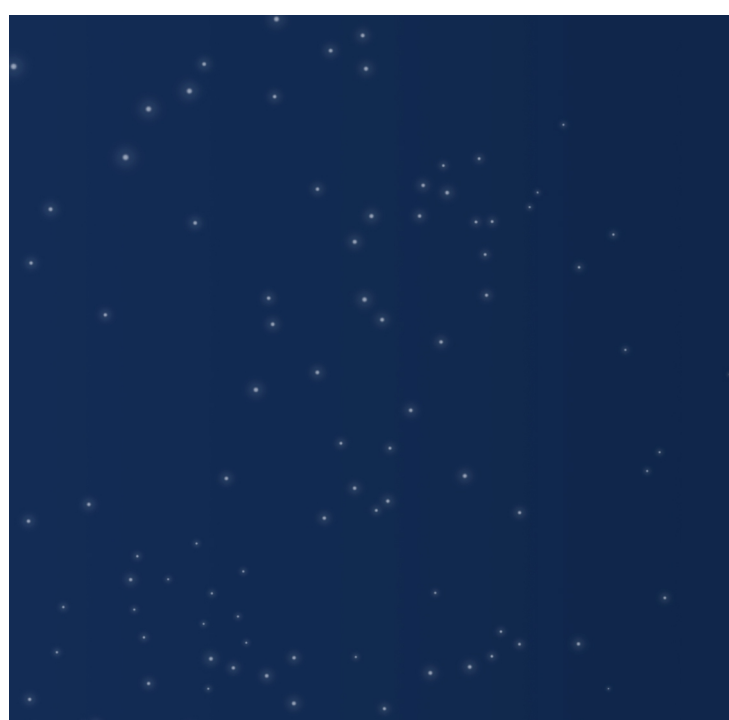
Now Let's test you!





Who is?

EARTH  
6.5 YEARS





Who is?





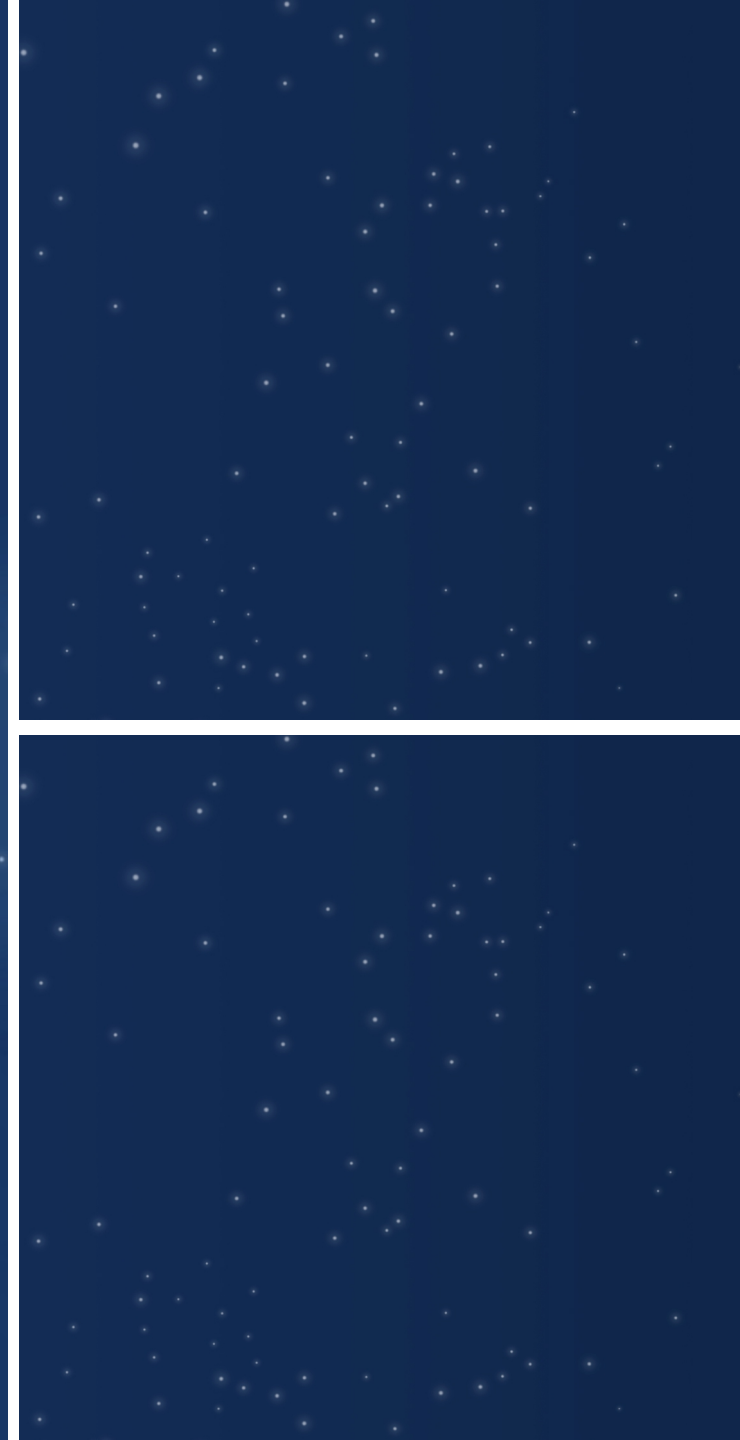
Who is?



Venus

Who is?

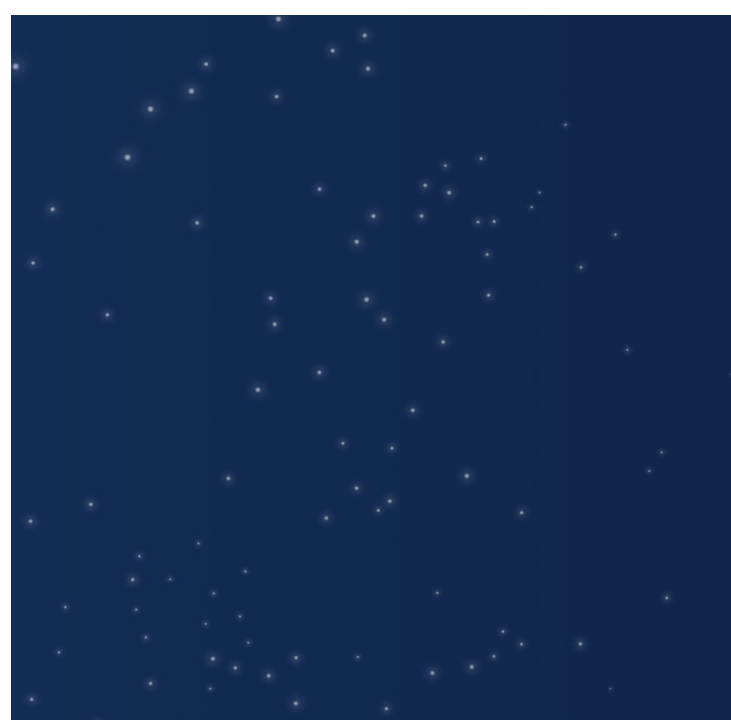
EARTH  
7 MONTHS



Who is?



Mars



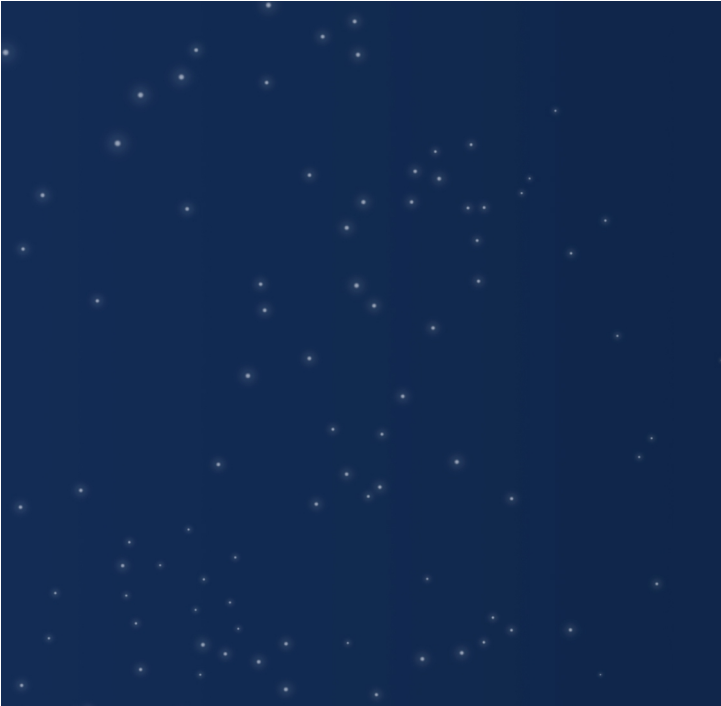
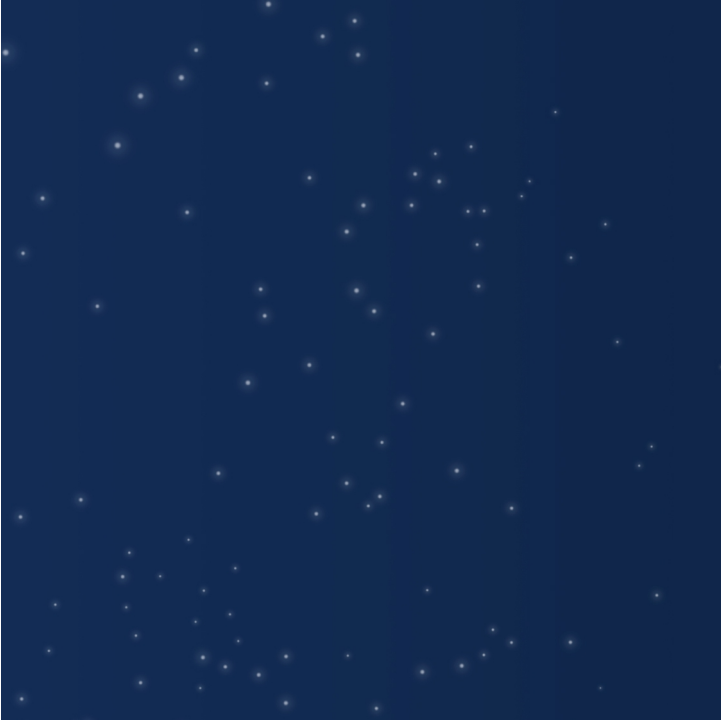






Who is?

EARTH  
7 YEARS





Who is?

EARTH  
7 YEARS



Saturn



Who is?

EARTH  
8.5 YEARS



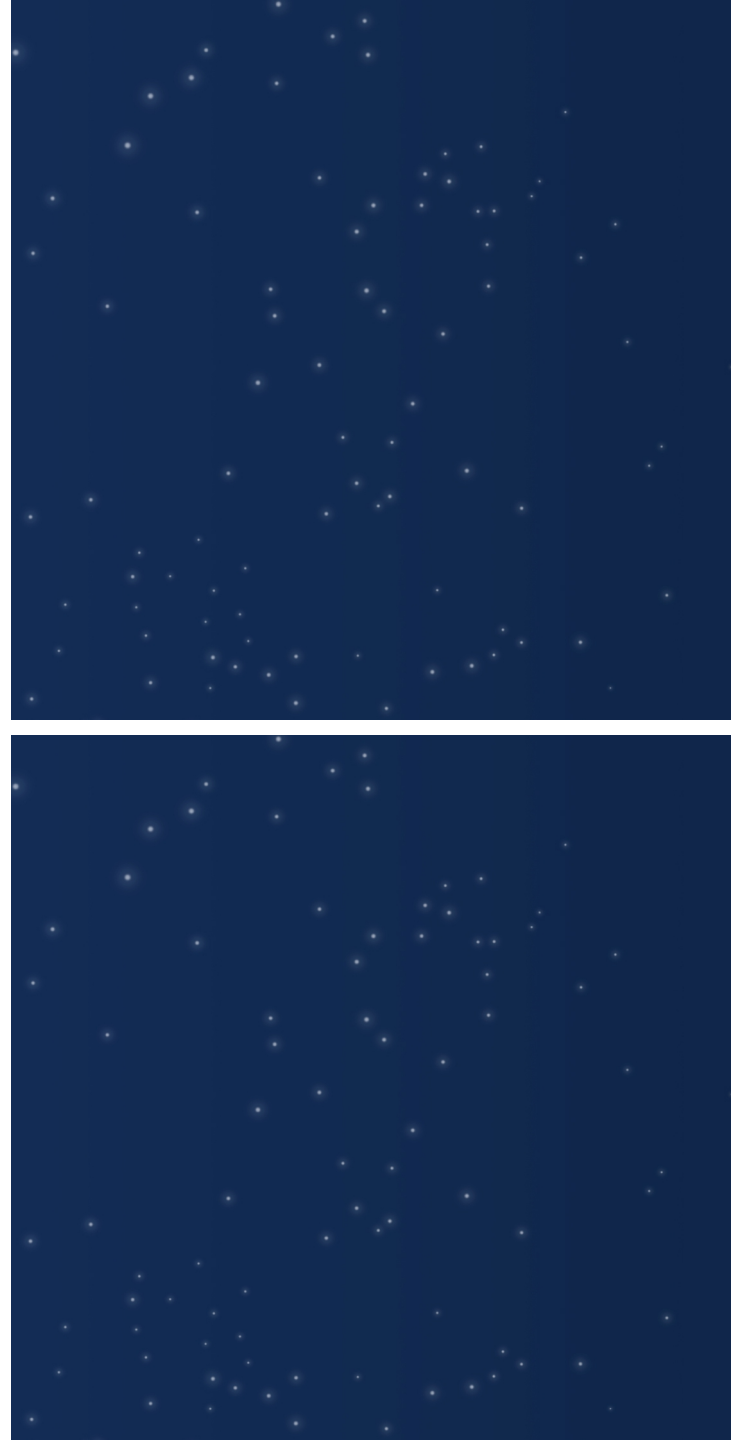
Who is?

EARTH  
8.5 YEARS



Uranus

Who is?



Who is?



Neptune

Who is?



EARTH  
A LONG TIME



Pluto



Who is?

EARTH  
A LONG TIME



# DISTANCE from Earth



# DISTANCE from Earth



Mercury



Venus



Mars



Jupiter



Saturn



Uranus



Neptune



Pluto