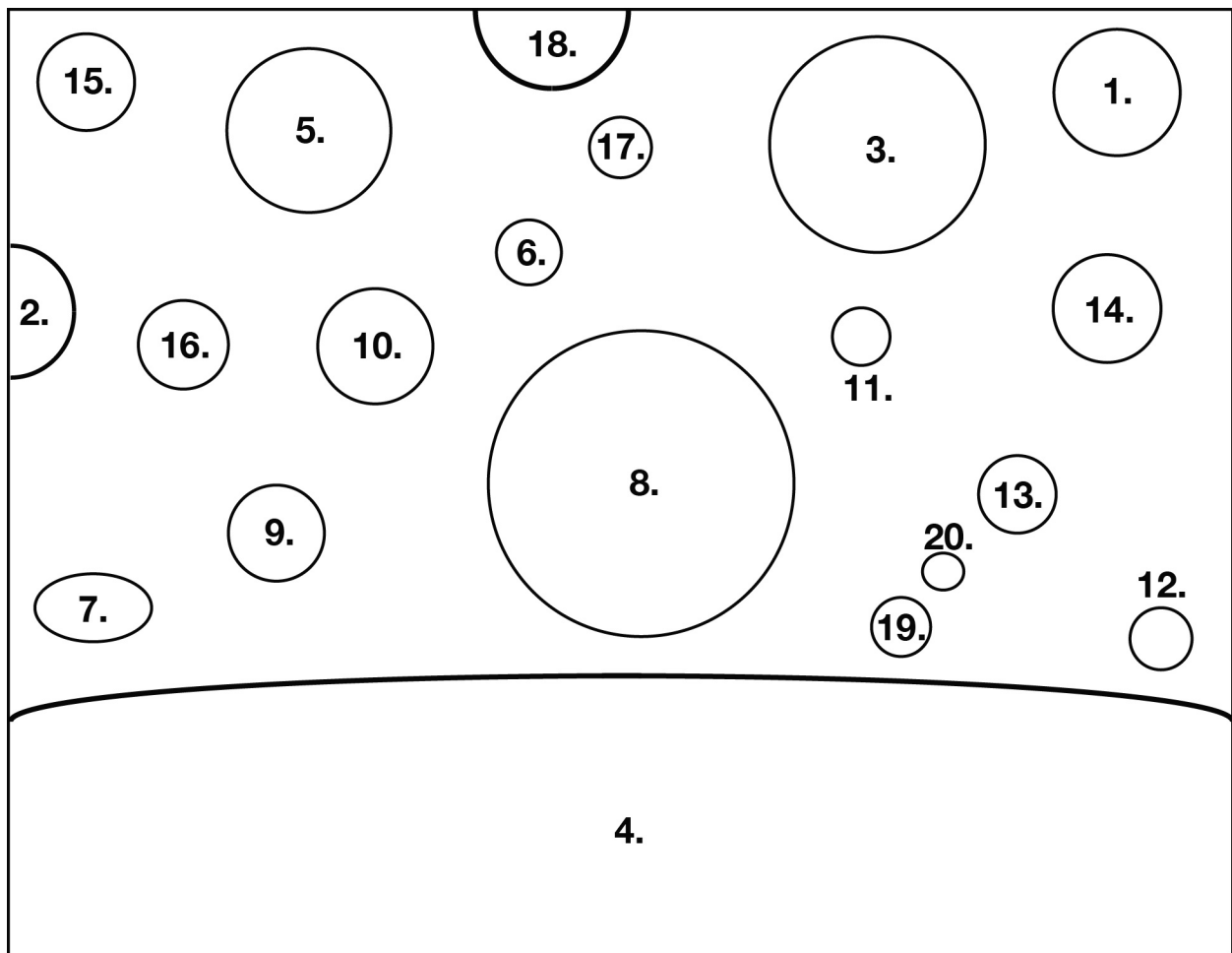


How Well Do You Know the Objects of the Solar System?

This photographic montage, “**The New Solar System, 2.0: Space Art by David A. Williams**” includes the eight planets of our solar system, two dwarf planets, the largest asteroid, and the largest moons of Jupiter, Saturn, Neptune, and Pluto, which are set against a background of stars (Not to scale!) Most of the images in this montage were obtained by NASA’s robotic planetary missions between 1975 and 2015, which have dramatically changed our understanding of the Solar System in the past 40 years.

Can you identify each body in the image montage?



The following table lists planetary objects in numerical order, including the mission and link for additional information on each object and image.

Object	Mission	URL
1. Mercury	MESSENGER	http://photojournal.jpl.nasa.gov/catalog/PIA16853
2. Venus	Venus Express	http://sci.esa.int/venus-express/39436-venus-in-ultraviolet/
3. Earth	Suomi NPP	http://solarsystem.nasa.gov/multimedia/gallery/VII RS_4Jan2012.jpg
4. Earth's Moon	Kaguya (Japan)	http://wms2.wms.selene.darts.isas.jaxa.jp/selene_viewer/en/observation_mission/hdtv/hdtv_030.html
5. Mars	Viking	http://astrogeology.usgs.gov/Projects/MarsHemispheres/
6. Dwarf Planet (1) Ceres	Dawn	http://photojournal.jpl.nasa.gov/catalog/PIA19619
7. Asteroid (4) Vesta	Dawn	http://photojournal.jpl.nasa.gov/catalog/PIA15678
8. Jupiter	Voyager 1	http://theplanets.org/wp-content/uploads/2014/09/jupiter.png
9. Jupiter moon Io	Galileo Orbiter	http://photojournal.jpl.nasa.gov/catalog/PIA02309
10. Jupiter moon Europa	Galileo Orbiter	http://photojournal.jpl.nasa.gov/catalog/?IDNumber=PIA00502
11. Jupiter moon Ganymede	Galileo Orbiter	http://photojournal.jpl.nasa.gov/catalog/?IDNumber=PIA01666
12. Jupiter moon Callisto	Galileo Orbiter	http://photojournal.jpl.nasa.gov/catalog/?IDNumber=PIA01298
13. Saturn	Cassini	http://photojournal.jpl.nasa.gov/catalog/PIA11141
14. Saturn moon Titan	Cassini	http://photojournal.jpl.nasa.gov/catalog/PIA02145
15. Saturn moon Enceladus	Cassini	http://photojournal.jpl.nasa.gov/catalog/PIA07800
16. Uranus	Voyager 2	http://photojournal.jpl.nasa.gov/catalog/PIA00032
17. Neptune	Voyager 2	http://photojournal.jpl.nasa.gov/catalog/PIA02210
18. Neptune moon Triton	Voyager 2	http://photojournal.jpl.nasa.gov/catalog/PIA00317
19. Dwarf Planet Pluto	New Horizons	http://pluto.jhuapl.edu/Multimedia/Science-Photos/image.php?page=5&gallery_id=2&image_id=243
20. Pluto's moon Charon	New Horizons	http://pluto.jhuapl.edu/Multimedia/Science-Photos/image.php?page=3&gallery_id=2&image_id=323

Here is the map with names to check:

