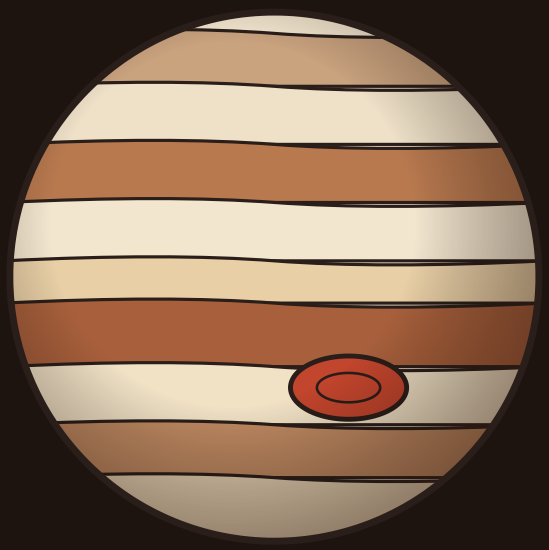
Jupiter Printables Free Sample

A taste of the Jupiter packs from jupiter.planets.im



FREE · 6 PAGES · A4 + US LETTER

One puzzle · one colouring page · one poster

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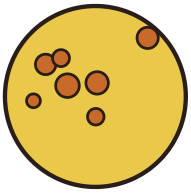
MATCH IT

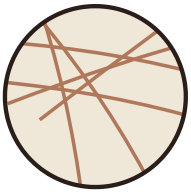
Which moon is which?

Draw a line from each moon to its famous feature



Io

- The biggest moon in the solar system



Europa

- Hundreds of volcanoes

Ganymede

- The most craters

Callisto

- A salty ocean under ice

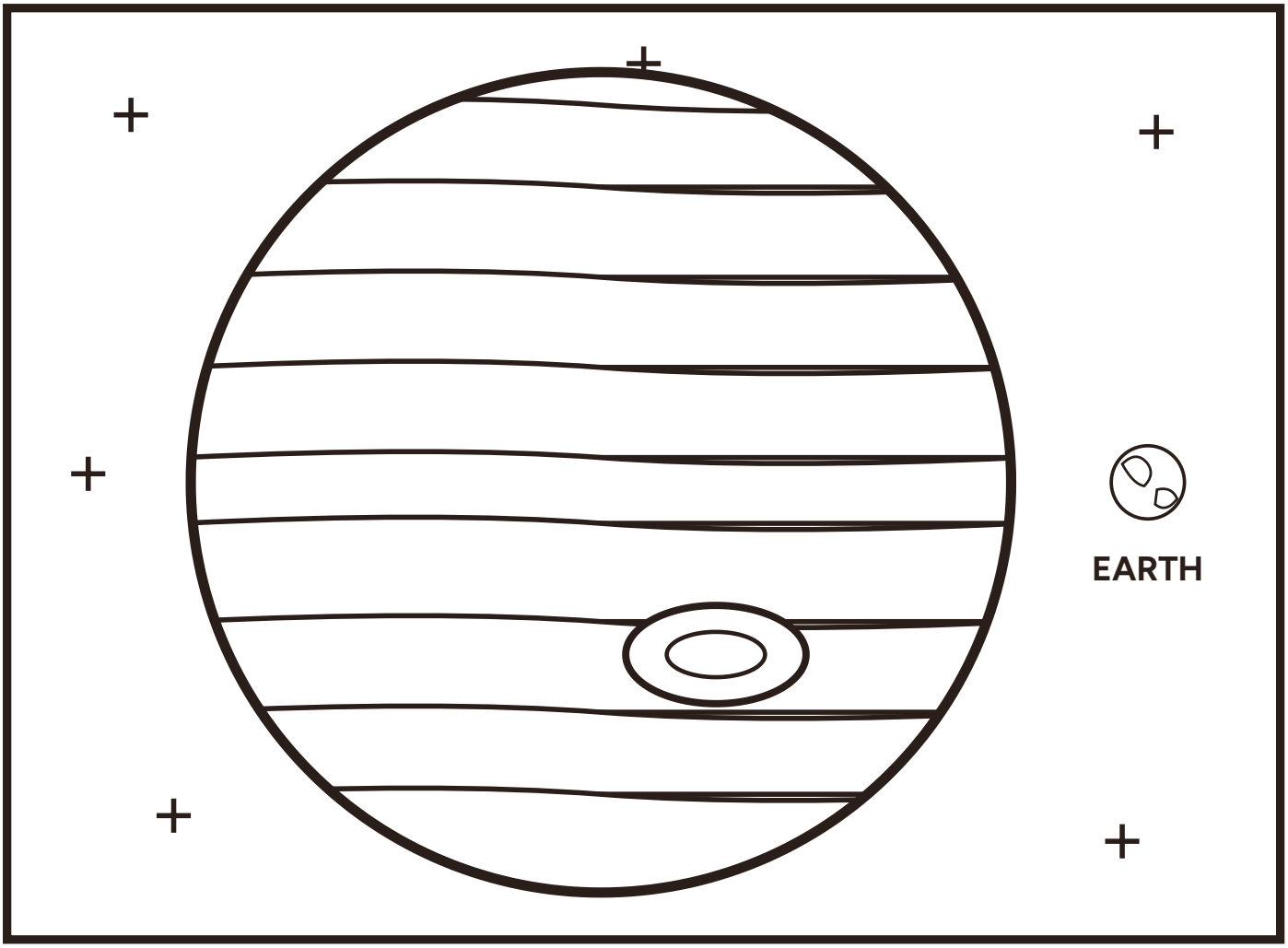
Io is the most volcanically active world in the solar system, with hundreds of volcanoes. Some throw lava fountains dozens of kilometres high. Europa probably has a saltwater ocean under its icy shell, holding twice as much water as Earth's global ocean. Ganymede is the largest moon in the solar system, bigger than the planet Mercury and the dwarf planet Pluto. Callisto is the most heavily cratered object in our solar system.

Our drawings of the moons, not exact maps.

COLOUR ME

The giant planet

Colour Jupiter's stripes and the tiny Earth beside it

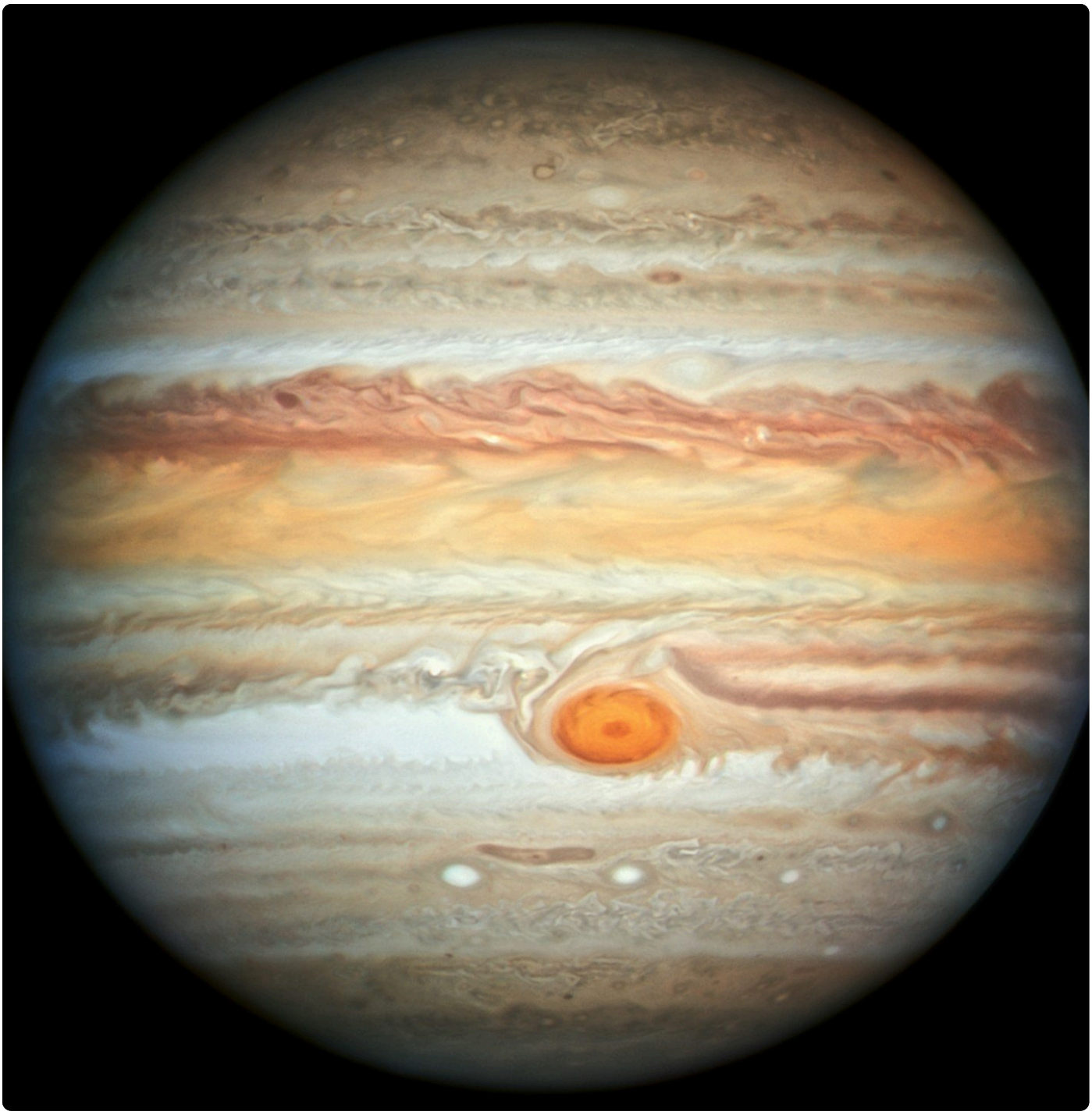


Jupiter's mean radius is 69,911 km, so it is 11 times wider than Earth. If Earth were the size of a grape, Jupiter would be about as big as a basketball.

Jupiter and Earth are drawn to scale. The stripes are a simple drawing.

JUPITER FACTS POSTER

A day shorter than a school day



Jupiter, photographed by the Hubble Space Telescope on 27 June 2019

The 10-hour day

Jupiter has the shortest day in the solar system: it spins once in about 9.9 hours.

A day on Jupiter (sunrise to sunrise) lasts 9.9259 hours. Earth's lasts 24 hours.

Jupiter is the fifth planet from the Sun, and the largest in the solar system by far.

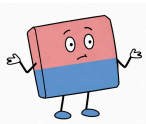
ANSWER KEY · FOR ADULTS

Which moon is which?

Io: hundreds of volcanoes · Europa: a salty ocean under ice · Ganymede: the biggest moon in the solar system · Callisto: the most craters

WANT MORE?

Six full Jupiter packs (storm explorer, Jupiter vs Earth worksheets, moons and missions cards, activity and colouring, posters, quiz and word puzzles) are available from the REALLYBYTE store: see jupiter.planets.im/shop/ for links. Free Jupiter facts, a storm explorer and a moon-catching game: jupiter.planets.im



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The small print, kept short

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PICTURES

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WHERE THE FACTS COME FROM

Every fact in this pack was checked against the NASA, JPL and ESA pages below on 27 Oct 2026. These are fixed facts that do not depend on the date. Answers to maths questions are our own sums, worked out from those figures.

NASA Science: Io facts: science.nasa.gov/jupiter/jupiter-moons/io/facts/
NASA Science: Europa: science.nasa.gov/jupiter/moons/europa/
NASA Science: Ganymede facts: science.nasa.gov/jupiter/jupiter-moons/ganymede/facts/
NASA Science: Jupiter facts: science.nasa.gov/jupiter/facts/
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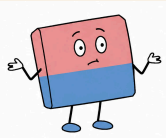

NEED HELP?

Useless can't help (he's an eraser, and currently hiding from the Great Red Spot), but we can. Problems with your file, or spotted something we should fix? Email **info@reallybyte.com**.

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