

Gravity and the Solar System

Name: _____

How is our solar system held together?



How does mass affect an object's force of gravity?

How does the distance between two objects affect the force of gravity?

How was the solar system formed?

How do special spacecraft help scientists make new discoveries?

Turn this page over. Write a new 'Did you know?' box.

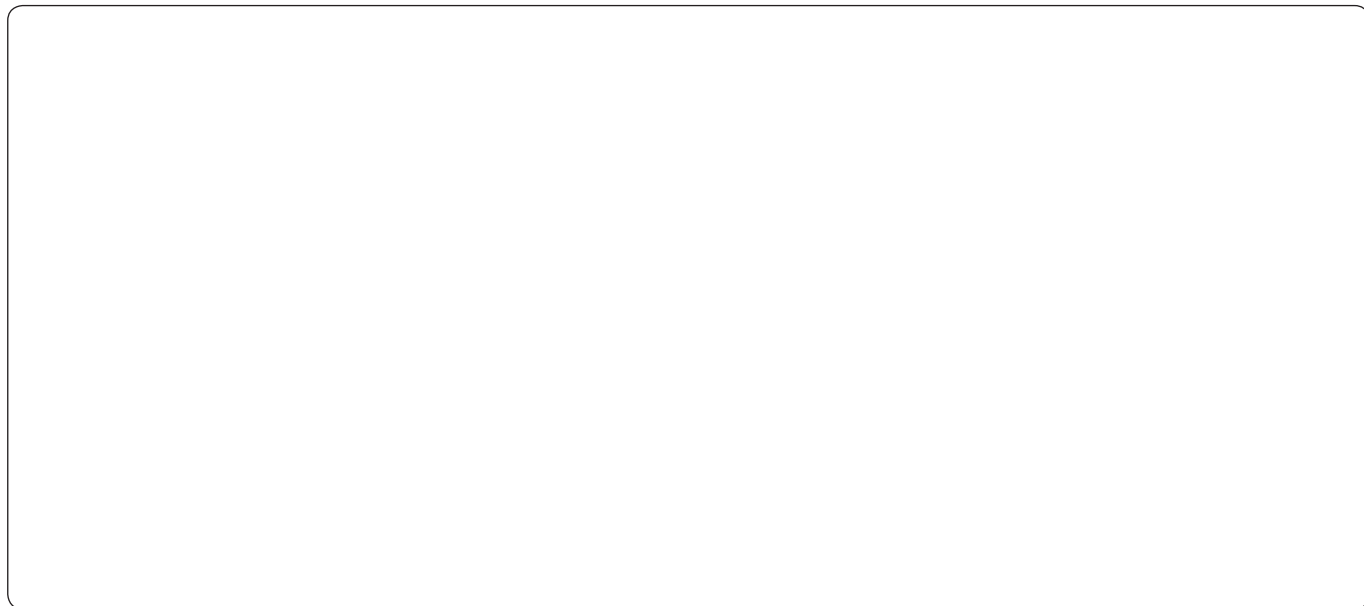
The new information should not be in the book.

Draw a picture to go with your 'Did you know?' box.

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Name: _____

Draw a diagram that shows the Earth's path around the Sun and the Moon's path around the Earth. Add labels to your diagram.



Write the missing words.

The planets are held in _____ around the Sun
by the Sun's force of _____.

The Earth's force of gravity
_____ the Moon in orbit.

However, the Moon's force of gravity
is _____ enough
to pull at the _____ on the Earth.

This helps the _____ to happen.

Every day we have _____ tides
and _____ tides.

