

Questioning Words

When we read, we can ask...

Quick Questions	Deep-Thinking Questions
<ul style="list-style-type: none">• quick to ask• quick to answer• answer is right there in the book (literal thinking)	<ul style="list-style-type: none">• answer is not in the book• answer comes from you ("I think...", "Maybe...") (inferential thinking)• often there is no one right answer• usually lead to more questions• help us think beyond the story• need to <i>matter</i>

Question Words

who	what
where	when
why	how
would	wouldn't
what if	what about
do	don't
does	doesn't
is	isn't
did	didn't
could	couldn't
can	can't
are	aren't
should	shouldn't

I wonder

Billions of planets with Earth-like mass in Milky Way: study

Agence France-Presse

PARIS — The Milky Way is home to far more planets than previously thought, boosting the odds that at least one of them may harbour life, according to a study released Wednesday.

Not long ago, astronomers counted the number of “exoplanets” detected outside our own solar system in the teens, then in the hundreds. Today, the tally stands at more than 700.

But the new study, published in *Nature*, provides evidence that there are more planets than stars in our own stellar neighbourhood.

“We used to think that Earth might be unique in our galaxy,” said Daniel Kubas, a professor at the Institute of Astrophysics in

Paris, and co-leader of the study.

“Now it seems that there are literally billions of planets with masses similar to Earth orbiting stars in the Milky Way.”

An international team of astronomers led by Kubas and colleague Arnaud Cassan used a method called gravitational microlensing, which looks at how the combined gravitational fields of a host star and the planet itself act like a lens, magnifying the light of another star in the background.

The survey picked up on planets between 75 million and 1.5 billion kilometres from their stars — a range equivalent in the solar system to Venus at one end and Saturn at the other — with masses at least five times greater than Earth.

Name: _____

What? - So What?

What? Facts from the text	So What? What are you thinking?

Question: _____

Facts

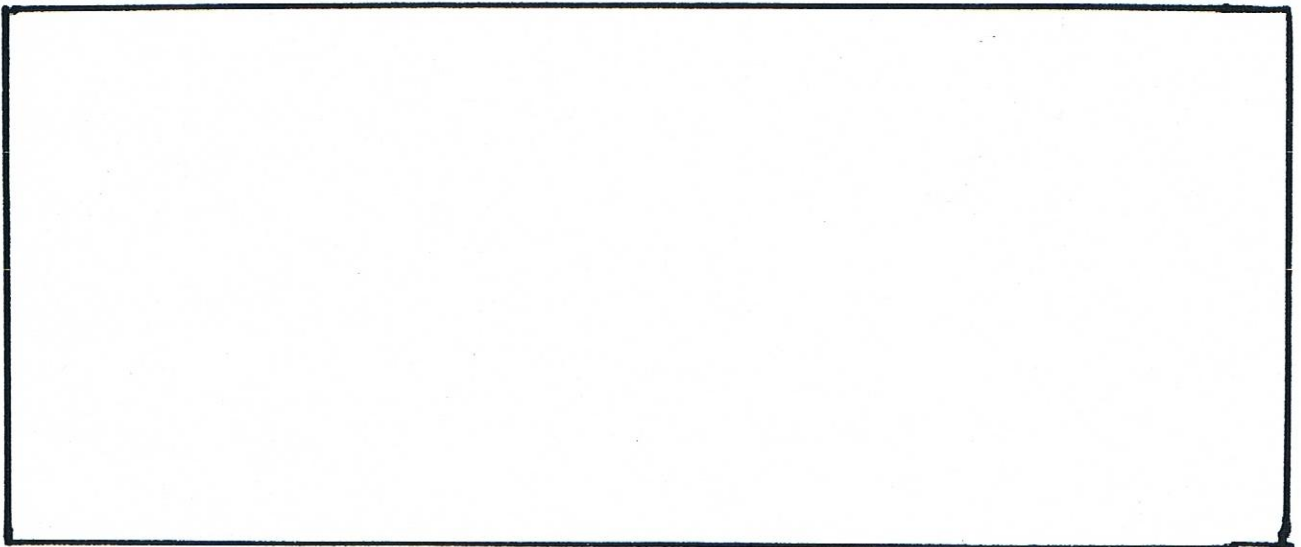
1. _____

2. _____

3. _____

4. _____

Draw and label a picture that shows at least three of your facts,



Knew - New Connections

{Book Title} - _____

I KNEW this already!

This is NEW to me!