

# TESTING CLAIMS - GEOLOGY AND THE EARTH'S FORMATION

Name:  Date:

**Directions:** The formation of our Solar System generated the Goldilocks Conditions for new complexity by providing a suitable place for life to eventually develop — the chemically-rich rocky planet of Earth. Our understanding of the origins of the Solar System and Earth has changed dramatically in recent, particularly with the development of new technologies for studying these processes. Use this “ballot card” to vote on the truth of each statement and to make notes as to why you believe something is true, false, or needs more information to fairly decide.

<b>About 99% of the matter in any star-forming gas cloud ends up in a star, and only about 1% is left over for planet formation.</b>	TRUE
<i>Why do you think that and which claim testers did you use in making your decision?</i>	FALSE
	NEED MORE INFO

<b>Differentiation is the process by which gravity clumps matter together into planets, asteroids, and other objects in the disk spinning around a developing star.</b>	TRUE
<i>Why do you think that and which claim testers did you use in making your decision?</i>	FALSE
	NEED MORE INFO

<b>Geologists and historians measure time in very different ways.</b>	TRUE
<i>Why do you think that and which claim testers did you use in making your decision?</i>	FALSE
	NEED MORE INFO

<b>American and English scientists rejected Alfred Wegener’s views on continental drift because he had fought for Germany in WWI.</b>	TRUE
<i>Why do you think that and which claim testers did you use in making your decision?</i>	FALSE
	NEED MORE INFO

<b>Each continent has its own tectonic plate.</b>	TRUE
<i>Why do you think that and which claim testers did you use in making your decision?</i>	FALSE
	NEED MORE INFO

