

## Mercury Quiz for May 9, 2016

- \_\_\_ 1) Mercury was the Roman god of  
A) War  
B) Sun  
C) Lightning  
D) Messengers/Business
- \_\_\_ 2) The Planet Mercury is:  
A) Closest to the Sun  
B) Furthest from the Sun  
C) About in the Middle
- \_\_\_ 3) Mercury orbits the Sun once every  
A) 88 Earth days  
B) 225 Earth days  
C) 365 Earth days  
D) 1½ Earth days
- \_\_\_ 4) The ecliptic is the path the \_\_\_  
make[s] against the stars  
A) Sun  
B) Moon  
C) comets
- \_\_\_ 5) To transit the sun, a planet must  
A) Orbit the Earth  
B) Orbit the Sun closer than Earth  
C) Orbit the Sun further than the Earth
- \_\_\_ 6) Of the following, Mercury (4880 km)  
is closest in diameter to  
A) Neptune (49500 km)  
B) Titan (5150 km)  
C) Pluto (2400 km)  
D) Mars (6790 km)
- \_\_\_ 7) When the Moon Transits the Sun. what  
do we call it?  
A) Solar Eclipse  
B) Lunar Eclipse  
C) Aphelion  
D) Equinox
- \_\_\_ 8) For a transit to occur, where must the  
planet be located in the sky?  
A) Above the Ecliptic  
B) On the Equator  
C) Below the Equator  
D) On the Ecliptic
- \_\_\_ 9) For a transit to occur, a planet must be  
A) between the Earth and the Sun  
B) opposite the Sun from the Earth  
C) opposite the Earth from the Sun
- \_\_\_ 10) How often does a planet's orbit (that  
planet's year) cross the Ecliptic?  
A) Never  
B) once an orbit  
C) twice an orbit  
D) four times an orbit
- \_\_\_ 11) Why doesn't a transit occur every time  
an inner planet crosses the ecliptic?  
A) The Sun is out of position  
B) The Earth is out of position  
C) The inner planet is out on position  
D) All of the above