

AST 301  
Quiz #3

Name: \_\_\_\_\_

1. The Moon set an hour or two after sunset last weekend. What phase was it in? (Or what did it look like?) (Hint: draw the drawing of the Moon orbiting around the Earth.)

It must have been a (waxing) crescent. If it set soon after sunset, it must be close to the Sun in the sky, so the Sun is mostly lighting up its back side.

2. How does the definition of the word acceleration used in science differ from the commonly used definition?

We include slowing down or turning as acceleration. We also use it quantitatively – that is how much our velocity changes.