

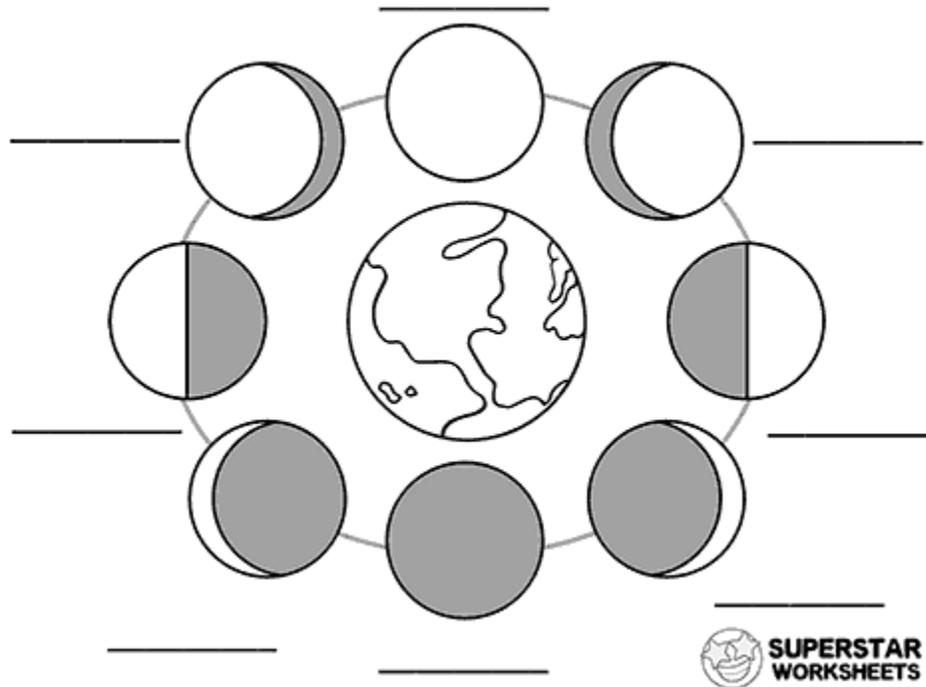
MOON REVIEW

7pts

name _____

1] What is the name of our moon? _____

2] Label the moon phases:



3] Draw an arrow (above) to show the order of the phases.

4] Where would the sun be in the picture above? _____

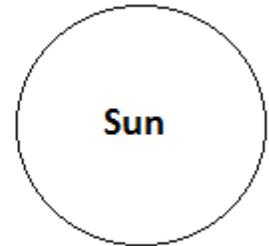
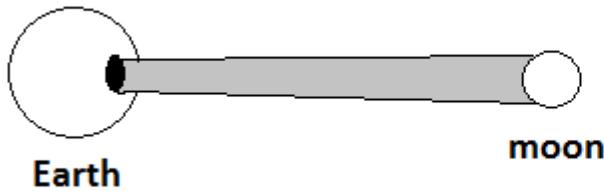
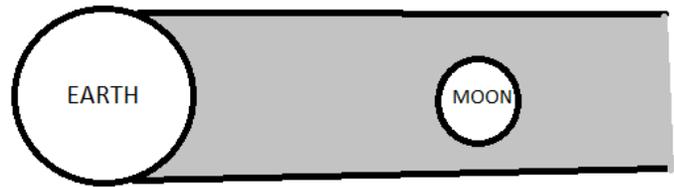
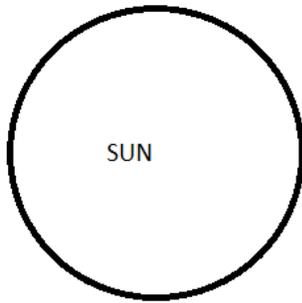
5] How much of the moon is lit up? _____

6] What is the far side of the moon like? The near side?

7] Which side do we see?

8] What does it mean to "eclipse" something?

9] Label the eclipses below:



10]

<p>Draw a picture of what a partial solar eclipse would look like.</p>	<p>Draw a picture of what a total solar eclipse would look like.</p>

11]

	What gets eclipsed? (blocked)	What casts the shadow?	How long it lasts	Who can see it?	How often can they occur?	Do you need special glasses?
Lunar						
solar						

12] Why are lunar surface features made billions of years ago still there?

13] Define crater _____

14] Define maria _____

15] Define ray _____

16] Define rille _____

17] Define regolith _____

18] Why is it that some craters filled with lava flows, but others didn't? (think in terms of asteroid size, and moon age) _____

19] What types of craters have rays? _____

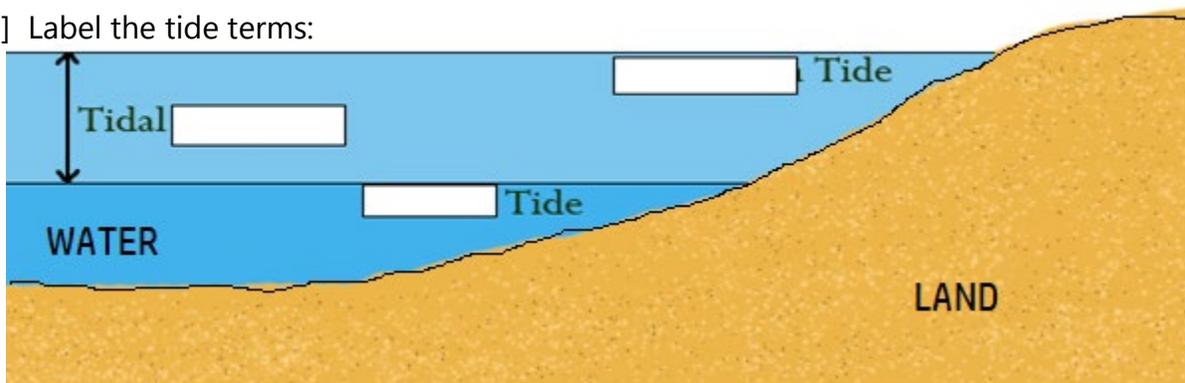
20] How is a rille different from a ray?

	Raised up or sunk down?	Straight or curved?	Made from ejecta or collapsed lava tube?
Rille			
Ray			

21] Can you grow plants in regolith? Give 3 reasons why or why not

- 1 _____
- 2 _____
- 3 _____

22] Label the tide terms:

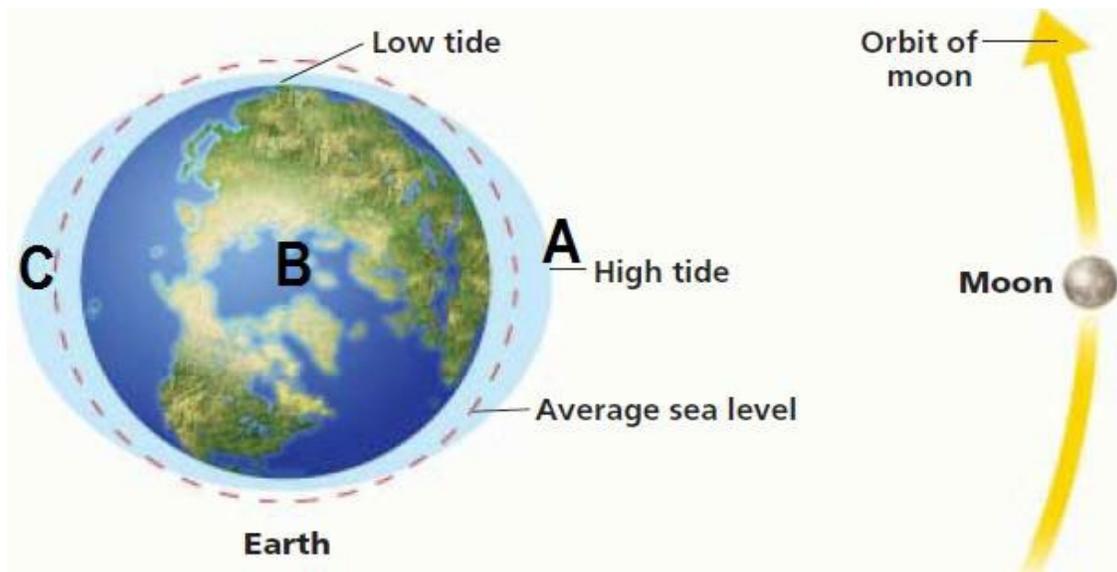


23] How many high tides are there per day? _____

24] How many low tides are there per day? _____

25] What 2 astronomical bodies are the cause of the tides? _____

26] Which of the 2 is most important? Why is it most important?

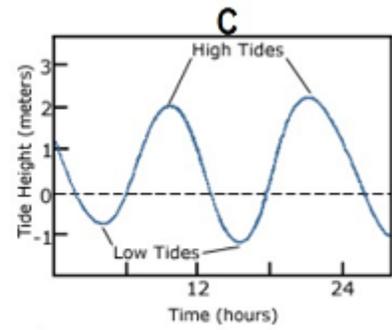
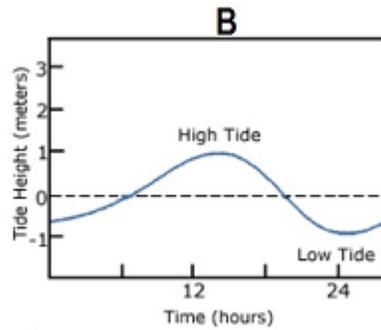
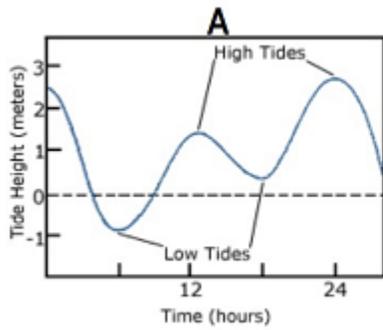


27] (Ignoring the influence of the sun), why is there a bulge on the side NOT facing the moon?

28] At which location above is the gravitational pull towards the moon the greatest?

29] What happens to the water point c? _____

	spring tide	neap tide
30] In which type of tide is the sun and moon both pulling on the water?		
31] In which type of tide is the sun and moon 90 degrees apart as they pull on the water?		
32] Which type of tide has the biggest high tides?		
33] Which type has the smaller high tides?		
34] Which type has the biggest low tides?		
35] Which type has the smallest low tides?		
36] Which type happens during new moon or full moon?		
37] Which type happens during 1st or 3rd quarter?		



38] What type of tide is shown in the pictures above? (3PTS)

39] Explain how the moon formed. (You need sentences) _____

40] How big is the moon compared to the Earth? _____