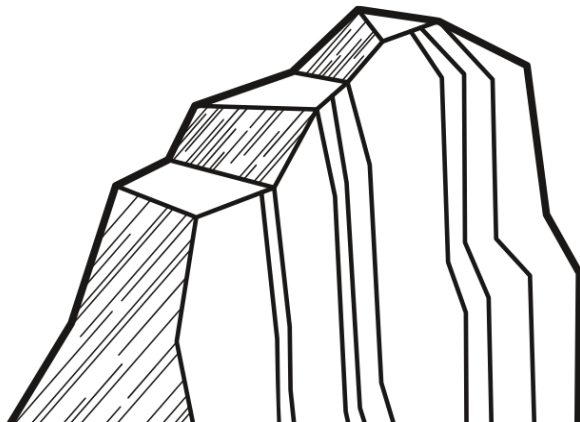
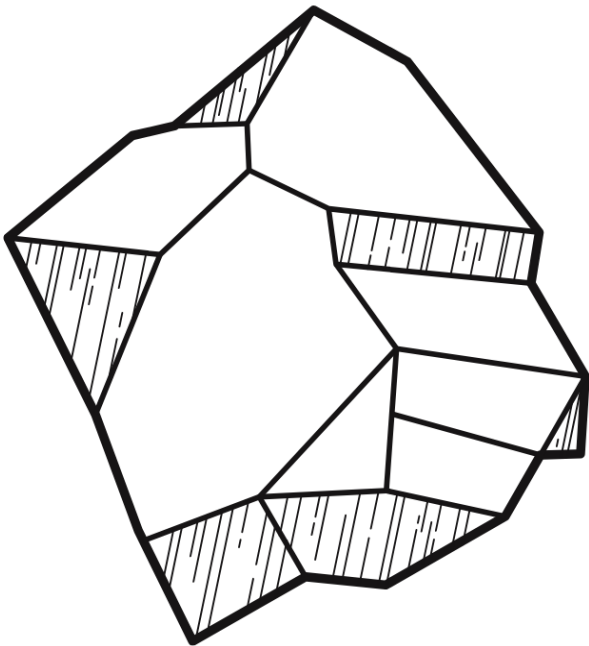




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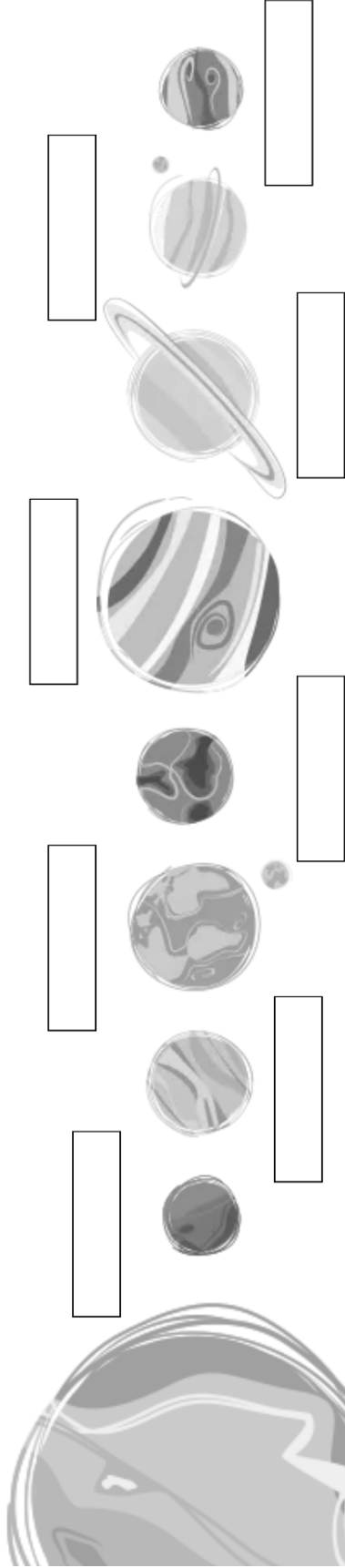
SOLAR SYSTEM

Name: _____

Date: _____

Class: _____

Complete the solar system model below by labeling the planets. Fill in the chart.



PLANET	DIAMETER (KM)	PERIOD OF ROTATION	PERIOD OF REVOLUTION	DISTANCE FROM SUN (MILLION KM)	NUMBER OF MOONS
Mercury					
Venus					
Earth					
Mars					
Jupiter					
Saturn					
Uranus					
Neptune					

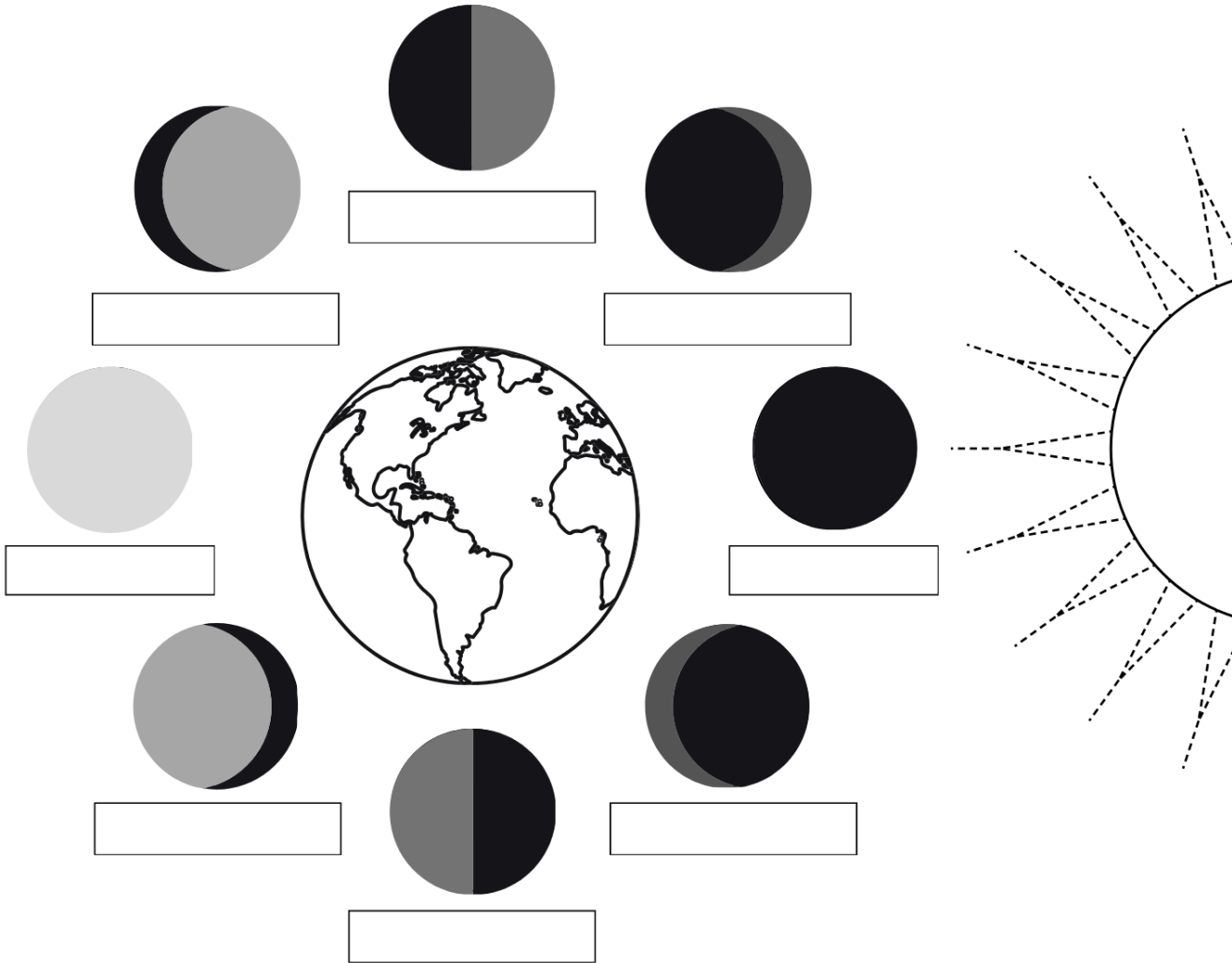
PHASES OF THE MOON

Name: _____

Date: _____

Class: _____

Label the diagram below to complete the phases of the moon.



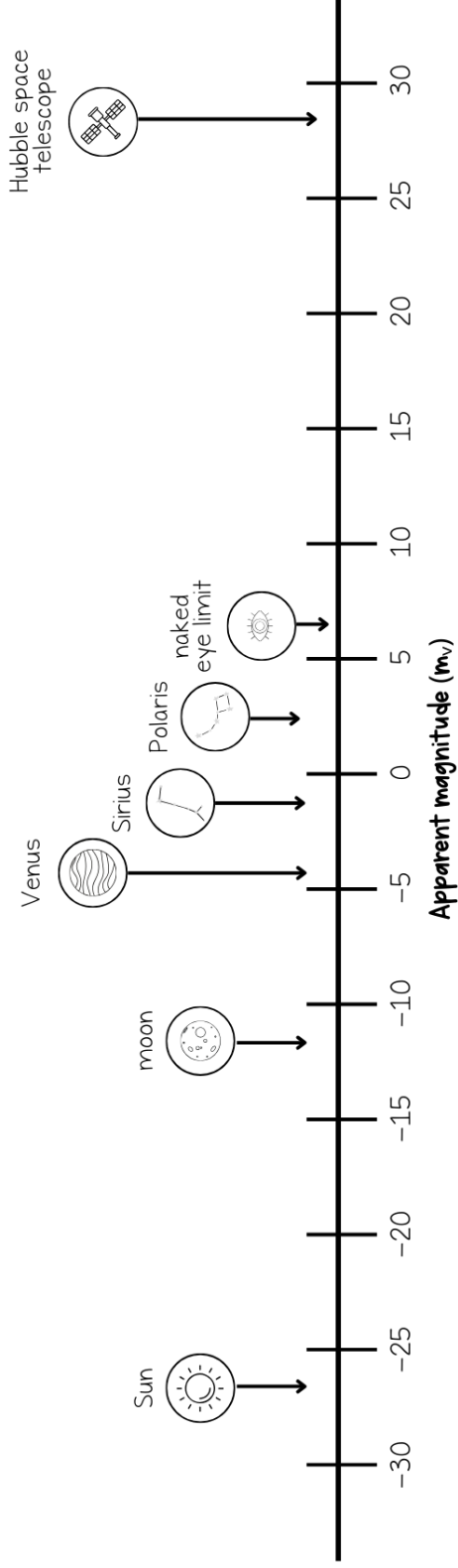
How long does it take for the moon to go through all its phases? _____

What causes the different phases of the moon? _____

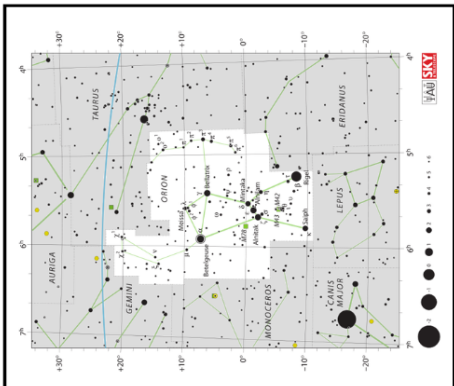
STELLAR MAGNITUDE SCALE

Name: _____
 Date: _____
 Class: _____

Answer the questions using the information from the Apparent Magnitude scale.

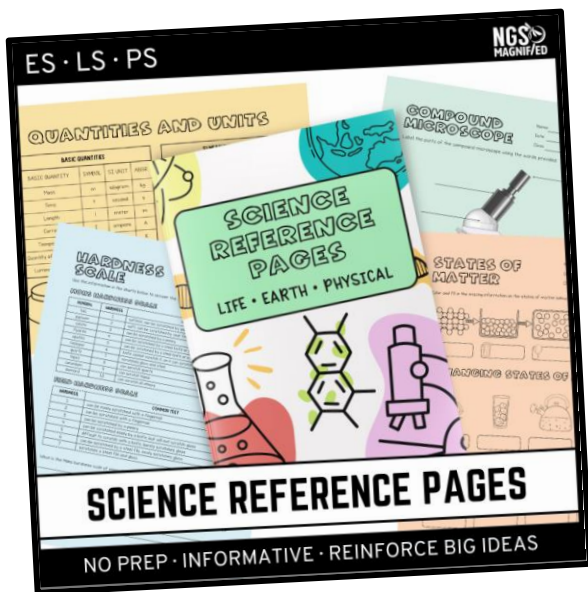


Stellar Magnitude Scale	
Mag. 1	○
Mag. 2 x 2.5 dimmer	○
Mag. 3 x 2.5 dimmer	○
Mag. 4 x 2.5 dimmer	○
Mag. 5 x 2.5 dimmer	○
Mag. 6 x 2.5 dimmer	○



Venus has a magnitude of -4.6 when it's at its brightest, while the faintest visible star has a magnitude of $+7.2$. How much brighter is Venus compared to the dimmest visible star?

What is the magnitude of stars in the belt of Orion's constellation?



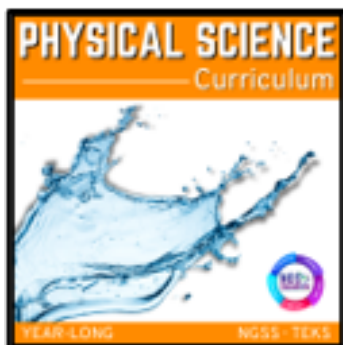
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