Name	Ċlass	Date
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Skills Worksheet

pace provided, write the le se.	etter of the definition that best matches the term
1. refracting telescope	<ul> <li>a. a large collection of stars, dust, and gas held together by gravity</li> </ul>
2. rotation	b. the scientific study of the universe
3. X rays	c. the spin of a body on its axis
4. solstice	d. an instrument that uses a curved mirror to gather and focus light from distant objects
5. astronomy	e. the moment when the sun appears to cross the celestial equator
6. reflecting telescope	f. one complete trip of a body along an orbit
7. electromagnetic spectrum	g. all the wavelengths of electromagnetic radiation
8. equinox	h. an instrument that uses a set of lenses to gather and focus light from distant objects
9. galaxy	i. the point at which the sun is as far north or as far south of the equator as possible
10. revolution	j. some invisible wavelengths of the electromagnetic spectrum
atement or best answers	ng statements is correct?
a. Astronomers use of	nly visible electromagnetic radiation to study tromagnetic radiation is useful in space study.
c. Both visible and in study space.	visible electromagnetic radiation are analyzed to invisible electromagnetic radiation is useful for

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Cono	ept Review continued		
	13 The everyone distance between	Parish and the second of the Color	
<del></del>	a. light-year.	Earth and the sun is known as a(n	)
	b. astronomical unit. c. big bang.	9	
	d. aphelion.		
	d. aphenon,		
·.	14. Leap years were established be	ecause	
•	a. a complete rotation of Earth	takes more than 24 hours.	
	b. a year is 365 days and one i	4	
	c. a month is 30 or 31 days an	d a lunar month is only 29.5 days.	
	d. the Romans wanted to creat	e a day to honor Julius Caesar.	
. 1	5. In the Northern Hemisphere, the	ne vernal equinox occurs on	
	a. March 21 or 22.	,	
	b. June 21 or 22.		
	c. September 22 or 23.	i i i i i i i i i i i i i i i i i i i	
	d. December 21 or 22.	3 m	
1			
1	6. Which is evidence that Earth re	evolves around the sun?	
	a. The path of a pendulum app	ears to change over time.	4
a.	b. Wind belts and ocean curren	its curve.	
	c. We can feel Earth moving.		
	d. Constellations appear to cha	nge position over several weeks.	
1	7. NASA's research on the flow o	of fluids through rockets led to	
	a. improved medical equipmen	t.	
.,	b. automobile navigation system	ms.	
	c. smaller and lighter television		
	d. powerful radio telescopes.		
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18	3. Because of Earth's atmosphere,	telescopes for invisible	
	electromagnetic radiation		
	a. work best on Earth's surface.	»·	
	b. do not work at high elevation	18.	
	c. have been launched into space		
	d. are not effective in studying	space.	
19	. Into how many time zones has I	Earth's surface has been divided	
	a. 10	c. 24	
	b. 15	d. 360	
		·	
20	Daylight time is shorter in the w	inter than in the summer because o	of
	a. Earth's elliptical orbit.	,	
	b. Earth's simultaneous rotation	and revolution.	
	c. Earth's spherical shape.		
	d. the tilt of Earth's axis.	•	