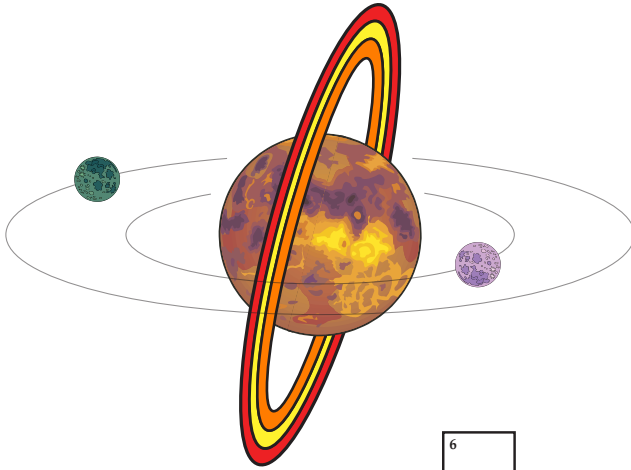


Name _____ Date _____



1	2			3			
							4
					5		
		6		7			8
9							
10							



Across	Down
1. a close group of similar objects	2. a measure of the amount of radiating or reflected light coming off a star or other celestial object; brightness
5. a body in outer space, made of hot gases, that shines in the night sky	3. an instrument used to make distant objects look closer
7. a scientist who studies planets, stars, galaxies, and other objects in space	4. the death explosion of a massive star, resulting in a sharp increase in brightness followed by a gradual fading
10. any planet that exists outside the solar system	6. a large collection of planets, gas, dust, and millions or billions of stars, bound together by gravity
	8. to revolve around another object
	9. a region or cloud of interstellar dust and gas appearing as a bright or dark patch

Unscramble

Name _____ Date _____

Directions: To answer the riddle, unscramble each word and write it in the squares. Then write the circled letters in order on the numbered spaces below.

akcbl hloe

①

○				
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○			○
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4

9

10

a region of space with a gravitational field so intense that nothing can escape it

tsgilocoosm

②

							○	○	○
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7

2

8

a scientist who studies the origin and structure of the universe

lagxay

③

○					○
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3

13

a large collection of planets, gas, dust, and millions or billions of stars, bound together by gravity

abulen

④

○		○			○
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6

1

5

a region or cloud of interstellar dust and gas appearing as a bright or dark patch

btiro

⑤

○	○			
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11

12

to revolve around another object



Riddle: Why did the students wear earplugs in science class?

Answer: The teacher was explaining the

_____ .

1 2 3 4 5 6 7 8 9 10 11 12 13

Name _____ Date _____

Directions: Match each term on the left with its definition on the right. Write the letter of the correct definition on the space in front of the term.

- | | |
|--------------------------|--|
| 1. _____ astronomer | A. a region of space with a gravitational field so intense that nothing can escape it |
| 2. _____ big bang theory | B. a close group of similar objects |
| 3. _____ black hole | C. a large collection of planets, gas, dust, and millions or billions of stars, bound together by gravity |
| 4. _____ cluster | D. a theory that suggests that the universe began from a single, enormous explosion and is still expanding |
| 5. _____ cosmologist | E. the open areas between solid bodies in the universe beyond the solar system |
| 6. _____ deep space | F. an instrument used to make distant objects look closer |
| 7. _____ galaxy | G. a scientist who studies planets, stars, galaxies, and other objects in space |
| 8. _____ light-year | H. a unit of distance in astronomy equal to the distance that light travels in one year |
| 9. _____ solar system | I. a star and the celestial bodies that revolve around it; a planetary system |
| 10. _____ telescope | J. a scientist who studies the origin and structure of the universe |

Crossword Answer Sheet

¹ C						² L		U		³ T		E		R	
						U				E					
						M				L				⁴ S	
						I				E				U	
						N				⁵ S		T		A	
						O				C				P	
						⁶ G		⁷ A		S		T		R	
						A		S		T		R		O	
						A		S		T		R		⁸ O	
						A		S		T		R		M	
						A		S		T		R		E	
						A		S		T		R		R	
⁹ N						A		I		P		R		N	
¹⁰ E						X		O		P		L		A	
E						X		O		P		L		A	
X						O		P		L		A		N	
O						P		L		A		N		E	
P						L		A		N		E		T	
L						A		Y				B		O	
A						Y						I		V	
												T		A	

Unscramble Answer Sheet

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4

h	o	l	e
---	---	---	---

9 10

②

c	o	s	m	o	l	o	g	i	s	t
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7 2 8

③

g	a	l	a	x	y
---	---	---	---	---	---

3 13

④

n	e	b	u	l	a
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6 1 5

⑤

o	r	b	i	t
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11 12

Riddle: Why did the students wear earplugs in science class?

Answer: The teacher was explaining the

 b i g b a n g t h e o r y .
1 2 3 4 5 6 7 8 9 10 11 12 13

Matching Answer Sheet

1. G astronomer
2. D big bang theory
3. A black hole
4. B cluster
5. J cosmologist
6. E deep space
7. C galaxy
8. H light-year
9. I solar system
10. F telescope