

GALAXIES

NAME _____ hr ___/20

Match:

1.	Galaxy	A	Group of planets, moons, and other objects that orbit a star
2.	nebula	B	Large collections of stars
3.	Big bang	C	6 trillion miles
4.	Solar system	D	Medium aged galaxy
5.	Elliptical galaxy	E	Name given to describe the start of our universe
6.	Light year	F	100 billion stars
7.	Pinwheel/ spiral galaxy	G	Cloud of dust and gas where stars form
8.	Irregular galaxy	H	Oldest type of galaxy because gravity has had time to pull it into a round shape
9.	Average number of stars in a galaxy	I	Youngest galaxy because gravity hasn't had time to pull it into a spiral or spherical shape

10. How old is the Milky Way?

11. What do we mean when we say a galaxy is a "stellar nursery"?

12. Who invented the telescope in 1924 that allowed us to see other galaxies?

13. When Hubble saw the "fuzzy blobs" he knew they weren't stars. What were they?

14. Our sun orbits what?

15. What is the difference between a galaxy and a star?

16. What does the shape of a galaxy indicate?

17. A galaxy that is neither spiral nor elliptical would be considered what?

18. What pulls giant collections of stars together?

19. If galaxies have billions of stars in them, why do they appear as a single point of light?

20. Describe in a few sentences how scientists think the universe started. Don't forget the name of this process!

