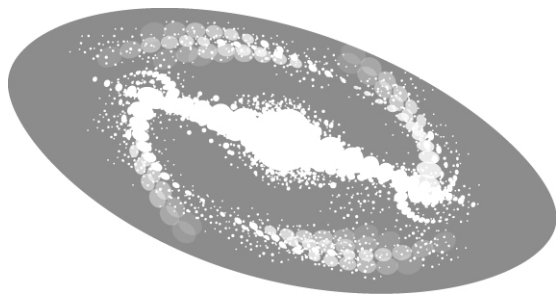


What Are Stars and Galaxies?

- 1 There are several different types of galaxies. How do scientists classify galaxies?
 - (A) by size
 - (B) by shape
 - (C) by temperature
 - (D) by number of stars

- 2 There are many different colors of stars. Which characteristic determines the color of a star?
 - (F) temperature
 - (G) size and shape
 - (H) actual brightness
 - (I) distance from Earth

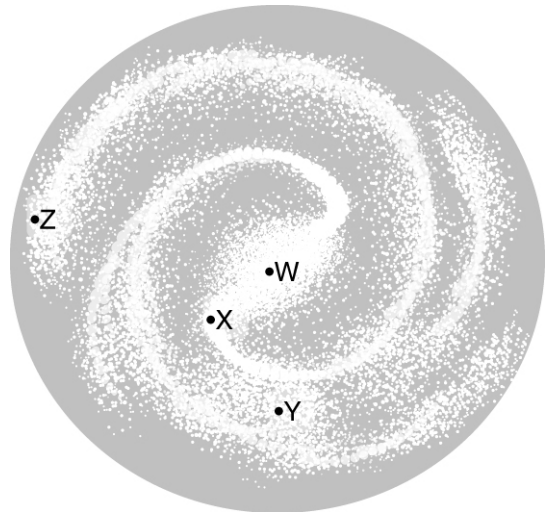
- 3 A galaxy is composed of billions of stars held together by gravity. The illustration below shows one common type of galaxy.



What type of galaxy is shown in the illustration?

- (A) barred spiral
- (B) elliptical
- (C) spinning
- (D) spiral

- 4 The diagram below shows the Milky Way galaxy.



Which letter **best** shows the location of our solar system?

- (F) W
 - (G) X
 - (H) Y
 - (I) Z
-
- 5 The sun is a medium-size star, but it appears much larger than other stars. Why does the sun appear to be so large?
 - (A) The sun is hotter than other stars.
 - (B) The sun produces more light than other stars.
 - (C) The sun is much closer to Earth than other stars are.
 - (D) The sun is affected by Earth's gravity more than other stars are.