

# 8<sup>th</sup> Grade Science Exit Test – Part 4

## SUN, MOON, AND STARS

1. What is a group of stars that form a pattern called?

- Black hole
- Constellation
- Big Dipper

2. What constellation includes a star named Polaris?

- Little Dipper
- Orion's Belt
- Big Dipper

3. What is another name for the star Polaris?

- The Southern Light
- The North Star
- The Morning Star

4.

The Earth revolves around the . It takes the Earth one  to make a complete . This  causes the four : spring, summer, autumn and winter.

5. About how many days does it take the moon to go through it's cycle?

- 25
- 28
- 40

8. Who was the first person to walk on the moon?

- Sir Isaac Newton
- Neil Armstrong
- Albert Einstein

6. What are the different shapes of the moon called?

- Crescent
- Phases
- Cycles

9. What kind of eclipse is shown in the picture?

- Total Eclipse
- Partial Eclipse
- Summer Eclipse



7. Why can we see the moon?

- The sun's light shines on it
- It produces its own light
- The light from other planets shows on it

## THE SOLAR SYSTEM

1. What planet is the coldest?

Neptune  
Saturn  
Uranus

2. What is the largest planet in our solar system?

Jupiter  
Earth  
Uranus

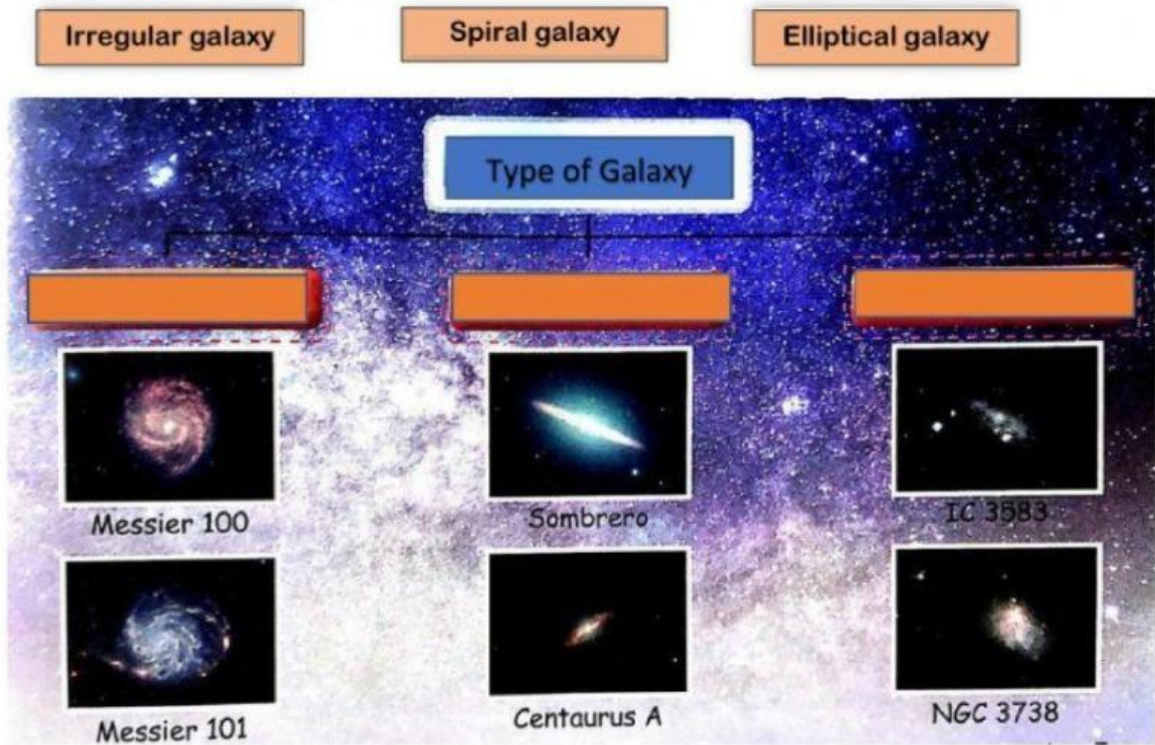
3. What planet has the most rings?

Saturn  
Neptune  
Venus

4.

Type of Galaxies and objects in the Universe.

1. Name the types of galaxies based on diagram below.



5. Alnitak is a massive star that is classified as a Blue Super Giant and is known for its intense luminosity and \_\_\_\_\_ color.  
Greenish  
Bluish  
Whitish
6. A meteor shower occurs when Earth passes through:  
A solar flare  
Trail of debris left by a comet  
Asteroid belt
7. What is another name for a shooting star?  
Meteorite  
Meteor  
Meteoroid
8. What is the comet's nucleus consist of?  
Only rocks  
Ice and rocks  
Ice, rock, dust, and gases
9. Where do comets come from?  
The Oort Cloud and Kuiper Belt  
The Milky Way  
The Sun and Moon
10. Where is the asteroid belt located?  
Between Venus and Earth  
Between Earth and Mars  
Between Mars and Jupiter
11. What are bodies that are made up of ice, dust, and small, gritty particles that orbit the Sun called?  
Comets  
Asteroids  
Meteors
12. Where does a satellite signal start its work?  
From a geostationary orbit  
From the Earth's surface  
From an uplink station