

How is a star born?

A star is a big ball of plasma that is formed from a cloud of dust and gas.

Sometimes particles of dust and gas float by each other in space without anything happening. Other times gravity clumps these clouds together into compact substances. The particles begin bouncing off of each other, creating friction and heat. Eventually, the heat becomes so intense that it creates a nuclear reaction which releases a massive amount of energy and light. The resulting substance is a star.



QUESTION & ANSWER:

What is a star?

It is a big ball of plasma that is formed from a cloud of dust and gas.

What gets released after a nuclear reaction involving intense heat?

A massive amount of energy and light gets released.

Did you know that celebrities and actors are often called stars?

Why do you think we compare famous people to burning lights in the sky?

