

## Worksheet: Exploring Constellations

Name : \_\_\_\_\_

Date : \_\_\_\_\_

Class : \_\_\_\_\_

### Instructions:

- Answer the multiple-choice questions by circling the correct option.
- Fill in the blanks with the correct answer.
- Write your answer to the structured question in the space provided.
- Be creative and thoughtful in your responses to the HOTS questions.
- Enjoy exploring the fascinating Constellations!

### Multiple Choice:

1. What are constellations?

- A) Planets in outer space
- B) Patterns of stars in the sky
- C) Meteor showers
- D) Comets passing by

2. How do astronomers use constellations?

- A) To predict weather patterns
- B) To navigate the oceans
- C) As landmarks in the sky
- D) To communicate with aliens

3. Which of the following is NOT a famous constellation?

- A) The Big Dipper
- B) Orion
- C) The Milky Way
- D) Cassiopeia

4. What is the purpose of connecting stars into constellations?

- A) To confuse astronomers
- B) To tell stories
- C) To make the night sky look pretty
- D) There is no purpose

5. How many officially recognized constellations are there?

- A) 88
- B) 12
- C) 365
- D) 50

**Fill in the Blanks:**

6. Constellations are \_\_\_\_\_ of stars that form recognizable patterns in the sky.

7. People have been using constellations for \_\_\_\_\_ of years to navigate, tell stories, and mark the seasons.

**Structured Question:**

8. Explain how constellations have been used throughout history. Use examples to support your answer.

-----  
-----  
-----

**High Order Thinking Skills (HOTS) Questions:**

9. Compare and contrast two different constellations. Describe their shapes, names, and any cultural significance they may have. **HOTS ANALYZING**

-----  
-----  
-----  
-----

10. Imagine you are an ancient astronomer. Discuss why you might have created constellations and how they would have been useful to you in your work. **HOTS EVALUATING**

-----  
-----  
-----  
-----