



# Stars and Brightness

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

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

Grade: Grade 5

## Part A: Fix the Sentence

Each sentence has an error. Rewrite it correctly on the line.

1. Fix the sentence: A constellation that look like a hunter with a sword is Orion.

Rewrite: \_\_\_\_\_

2. Fix the sentence: Ancient sailors used star patterns to navigates across the open ocean.

Rewrite: \_\_\_\_\_

3. Fix the sentence: There is 88 official constellations recognized by astronomers worldwide.

Rewrite: \_\_\_\_\_

## Part B: Fill in the Blank

Write the missing word or number on each line.

1. A pattern of seven dots shaped like a soup ladle in the northern sky is the Big \_\_\_\_\_ .
2. Three dots in a straight row across the middle of a hunter shape is Orion's \_\_\_\_\_ .
3. A zigzag of five dots forming a W or M shape belongs to the constellation \_\_\_\_\_ .
4. Connect-the-dots that form a Great Bear with the Big Dipper inside name the constellation \_\_\_\_\_ Major.

## Part C: Short Answer

Answer each question in one or two complete sentences.

1. How can the Big Dipper help you find Polaris in the night sky?

\_\_\_\_\_  
\_\_\_\_\_

2. Why might one observer call Cassiopeia a W and another call it an M?

\_\_\_\_\_  
\_\_\_\_\_

### Part A: Fix the Sentence

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Rewrite: There are 88 official constellations recognized by astronomers worldwide.

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### Part B: Fill in the Blank

Write the missing word or number on each line.

1. A pattern of seven dots shaped like a soup ladle in the northern sky is the Big Dipper .
2. Three dots in a straight row across the middle of a hunter shape is Orion's Belt .
3. A zigzag of five dots forming a W or M shape belongs to the constellation Cassiopeia .
4. Connect-the-dots that form a Great Bear with the Big Dipper inside name the constellation Ursa Major.

### Part C: Short Answer

Answer each question in one or two complete sentences.

1. How can the Big Dipper help you find Polaris in the night sky?

*Follow the line made by the two stars at the end of the Big Dipper's bowl, and it points directly to Polaris.*

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2. Why might one observer call Cassiopeia a W and another call it an M?

*Cassiopeia rotates around Polaris during the night and across seasons, so its zigzag shape sometimes appears upright like a W and sometimes flipped like an M.*

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