



# 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: The Big Dipper is a constellation made up of seven planets.

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

2. Fix the sentence: Orion is easily recognized by it three belt stars.

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

3. Fix the sentence: Cassiopeia look like a giant W or M in the sky.

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

## Part B: Fill in the Blank

Write the missing word or number on each line.

1. The constellation called the Big Dipper is part of a larger pattern named \_\_\_\_\_ Major.
2. The bright star at the end of the Little Dipper's handle is called \_\_\_\_\_.
3. Constellations appear in different parts of the sky during different \_\_\_\_\_ of the year.
4. The constellation Orion contains a famous row of three bright stars called Orion's \_\_\_\_\_.

## Part C: Short Answer

Answer each question in one or two complete sentences.

1. Why does Polaris help travelers find their direction at night?

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

2. Why do we see different constellations at different times of the year?

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

### Part A: Fix the Sentence

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

1. Fix the sentence: The Big Dipper is a constellation made up of seven planets.

Rewrite: **The Big Dipper is a constellation made up of seven stars.**

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2. Fix the sentence: Orion is easily recognized by it three belt stars.

Rewrite: **Orion is easily recognized by its three belt stars.**

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3. Fix the sentence: Cassiopeia look like a giant W or M in the sky.

Rewrite: **Cassiopeia looks like a giant W or M in the sky.**

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### Part B: Fill in the Blank

Write the missing word or number on each line.

1. The constellation called the Big Dipper is part of a larger pattern named **Ursa** Major.
2. The bright star at the end of the Little Dipper's handle is called **Polaris** .
3. Constellations appear in different parts of the sky during different **seasons** of the year.
4. The constellation Orion contains a famous row of three bright stars called Orion's **Belt** .

### Part C: Short Answer

Answer each question in one or two complete sentences.

1. Why does Polaris help travelers find their direction at night?

*Polaris sits almost directly above the North Pole, so it always points north and stays nearly still in the sky.*

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2. Why do we see different constellations at different times of the year?

*As Earth orbits the Sun, our night side faces different parts of space, so different star patterns become visible each season.*

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