



# Winter Holiday Math & Reading

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: Snowflakes form when rain freezes in the clouds.

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

2. Fix the sentence: All snowflakes have five sides because of their crystal structure.

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

3. Fix the sentence: Days are shorter in winter because the Earth is farther from the Sun.

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

## Part B: Fill in the Blank

Write the missing word or number on each line.

- Each snowflake has a \_\_\_\_\_ shape with six sides.
- Water changes from a gas to a solid through a process called \_\_\_\_\_.
- The tilt of the Earth on its \_\_\_\_\_ causes the seasons.
- A scientist who studies weather is called a \_\_\_\_\_.

## Part C: Short Answer

Answer each question in one or two complete sentences.

1. Why does the saying "no two snowflakes are alike" make sense scientifically?

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

2. What is the main idea of a passage about how snowflakes form?

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

**Part A: Fix the Sentence**

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

1. Fix the sentence: Snowflakes form when rain freezes in the clouds.

Rewrite: Snowflakes form when water vapor freezes around tiny dust particles in the clouds.

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2. Fix the sentence: All snowflakes have five sides because of their crystal structure.

Rewrite: All snowflakes have six sides because of their hexagonal crystal structure.

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3. Fix the sentence: Days are shorter in winter because the Earth is farther from the Sun.

Rewrite: Days are shorter in winter because the Earth is tilted away from the Sun.

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**Part B: Fill in the Blank**

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Write the missing word or number on each line.

1. Each snowflake has a hexagonal shape with six sides.
2. Water changes from a gas to a solid through a process called deposition.
3. The tilt of the Earth on its axis causes the seasons.
4. A scientist who studies weather is called a meteorologist.

**Part C: Short Answer**

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Answer each question in one or two complete sentences.

1. Why does the saying "no two snowflakes are alike" make sense scientifically?

*Each snowflake follows a unique path through the atmosphere, encountering different temperatures and humidity levels that shape its crystal branches differently.*

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2. What is the main idea of a passage about how snowflakes form?

*The main idea is that snowflakes form when water vapor freezes around dust particles in clouds, creating unique hexagonal ice crystals.*

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