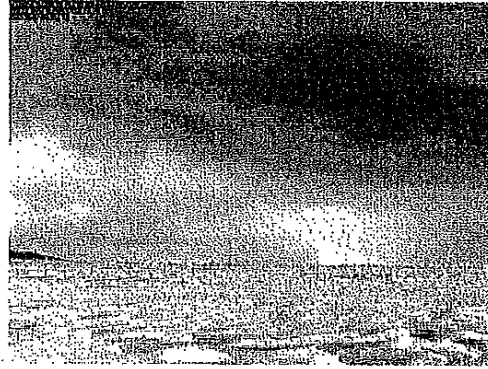


## Arctic Climate and Sunlight

by ReadWorks

The Arctic is the area around the North Pole, and the Antarctic is the area around the South Pole. Which do you think is colder, the Arctic or the Antarctic? The answer is the Antarctic. The Antarctic is mountainous land covered with ice and snow, and surrounded by the ocean. The Arctic is mostly ice on the ocean surrounded by land. The ocean in the Arctic is warmer than the ice, and it also warms the air. In addition to this, the Arctic is warmer because it has a lower elevation.



NOAA/Pacific Marine Environmental Laboratory

*the North Pole in June 2006*

Arctic winters are usually wet with snow and rain. Temperatures in winter are usually less than -4 Fahrenheit, or -20 Celsius. Arctic summers are often cool and cloudy. Temperatures in the summer average at around 50 Fahrenheit, or 10 Celsius.

During the summer in the Arctic, the sun is always above the horizon line. Meanwhile, the sun is always below the horizon line in the winter. Why does this happen? Picture an imaginary line going through the North and South poles. This line is the earth's axis, and it is tilted. The earth rotates around its own axis in a circle. At the same time, the earth revolves, or moves in a circle, around the sun. Because the earth's axis is at an angle, sunlight is experienced in extremes at the poles. The Arctic faces toward the sun in the summer, but it faces away from the sun in the winter.

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

1. What is the Arctic?

- A. the area around the South Pole
- B. the area in the middle of the Atlantic Ocean
- C. the area around the North Pole
- D. the area in the middle of the Atlantic Ocean

2. The text compares the Arctic with the Antarctic. How are these two places different?

- A. The Arctic is colder than the Antarctic.
- B. The Arctic is warmer than the Antarctic.
- C. The Arctic is more mountainous than the Antarctic.
- D. The Arctic has colder ocean water than the Antarctic.

3. Read the following sentences from the text.

"During the summer in the Arctic, the sun is always above the horizon line. Meanwhile, the sun is always below the horizon line in the winter."

Which conclusion about the Arctic does this information support?

- A. In the Arctic, it's always dark out in the summer and always light out in the winter.
- B. In the Arctic, it's always cooler in the summer than in the winter.
- C. In the Arctic, it is always light outside.
- D. In the Arctic, it's always light out in the summer and always dark out in the winter.

4. Based on the text, where is the South Pole facing when the Arctic is facing towards the sun in the summer?

- A. It is also facing towards the sun.
- B. It is facing away from the sun.
- C. It is facing towards the moon.
- D. It is facing towards Jupiter.

5. What is the main idea of this text?

A. The Antarctic is mountainous land covered with ice and snow, and surrounded by the ocean.

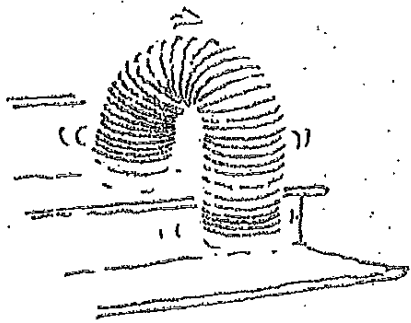
B. Arctic winters are usually wet with snow and rain. Arctic summers are often cool and cloudy.

C. The Arctic is the area around the North Pole. It is warmer than the Antarctic and faces towards the sun during the summer.

D. Because the earth's axis is at an angle, sunlight is experienced in extremes at the poles. The Arctic faces toward the sun in the summer, but it faces away from the sun in the winter.

Name \_\_\_\_\_

Date \_\_\_\_\_



## It's Slinky™ Time!

Have you ever wondered who made the first "Slinky™"? Read this article to find out. Use the word list to fill in the missing words.

Have you ever played with a Slinky™ toy?

It looks like a snake, but it's made from thin wire or plastic. Stretch it out, then let it go. It can "walk" down stairs!

Richard James \_\_\_\_\_

the Slinky™ toy in 1945. He \_\_\_\_\_

a gigantic spring fall off a shelf. It rolled over a table and

\_\_\_\_\_ to the floor. James thought it

could be an \_\_\_\_\_ toy. It took several

years to get it right. Then, he sold 400 in one day! Next, James

made a \_\_\_\_\_ to coil the wire. Millions of

Slinky™ toys have been sold since.

### Word List

amusing  
invented  
machine  
tumbled  
watched

What's  
About It?

What gave Richard James the idea for the Slinky™?

# Subtract within 1,000—Skills Practice

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

Subtract across zeros.

Form B

$$\begin{array}{r} 1 \quad 206 \\ - 118 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \quad 300 \\ - 146 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \quad 500 \\ - 230 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \quad 600 \\ - 282 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \quad 205 \\ - 126 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \quad 500 \\ - 68 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \quad 303 \\ - 82 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \quad 704 \\ - 397 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \quad 407 \\ - 139 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \quad 200 \\ - 104 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \quad 306 \\ - 229 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \quad 504 \\ - 386 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \quad 900 \\ - 555 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \quad 400 \\ - 230 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \quad 601 \\ - 43 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \quad 400 \\ - 147 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \quad 102 \\ - 68 \\ \hline \end{array}$$

$$\begin{array}{r} 18 \quad 700 \\ - 375 \\ \hline \end{array}$$

$$\begin{array}{r} 19 \quad 608 \\ - 194 \\ \hline \end{array}$$

$$\begin{array}{r} 20 \quad 302 \\ - 184 \\ \hline \end{array}$$

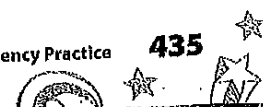
$$\begin{array}{r} 21 \quad 204 \\ - 162 \\ \hline \end{array}$$

$$\begin{array}{r} 22 \quad 500 \\ - 111 \\ \hline \end{array}$$

$$\begin{array}{r} 23 \quad 800 \\ - 83 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \quad 305 \\ - 199 \\ \hline \end{array}$$

$$\begin{array}{r} 25 \quad 603 \\ - 385 \\ \hline \end{array}$$



## 3<sup>rd</sup> Grade Physical Education E-learning day

5 minutes-Movement time (students can run, jump, skip, hop or dance) Turn on some music and have fun with it!

Sitting flexibility-

Legs straight feet together stretch

Legs apart – right left and middle

Butterfly

20 Sit-ups

10 Push-ups

25 Jumping jacks

Right over left/left over right

Arms behind back/shoulder stretch

Balance right/left

Repeat 5 minutes of movement time

Don't forget these are the same exercises we do in class each day so you should be familiar with all of them.

Have a great day!

Ms. Ousley