



Released Testlet

Science 5.ESS.SolSys-3 PP

Subject: Science

Grade: Elementary

Linkage Level: Proximal Precursor

Essential Element: Use data from different times of the year to determine seasonal patterns in the number of daylight hours.

Linkage Level Assessed: Count the number of daylight hours (i.e., the number of hours between sunrise and sunset) represented in tables and graphs as part of one day (i.e., 24 hours).

Science 5.ESS.SolSys-3 PP

Choose BEGIN to start.

⬅️ GO BACK

BEGIN ➡️

Read about 3 locations in winter. Then answer the questions about hours of daylight.

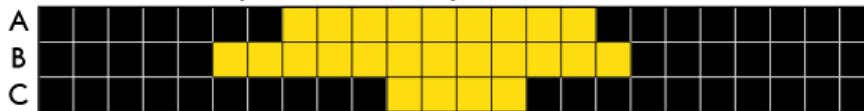
← BACK



NEXT →

A scientist needs a location with the most daylight hours in winter. This graph shows the daylight hours and darkness hours for 3 locations on a winter day.

Graph 1. Winter Day in Locations A, B, C



Key

■ = 1 hour of daylight
■ = 1 hour of darkness

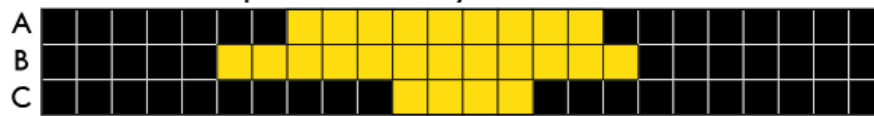
← BACK



NEXT →

This graph shows daylight hours and darkness hours for the 3 locations.

Graph 1. Winter Day in Locations A, B, C



Key

-  = 1 hour of daylight
-  = 1 hour of darkness

How many daylight hours does location A have on this winter day?

- 7 hours
- 9 hours
- 15 hours

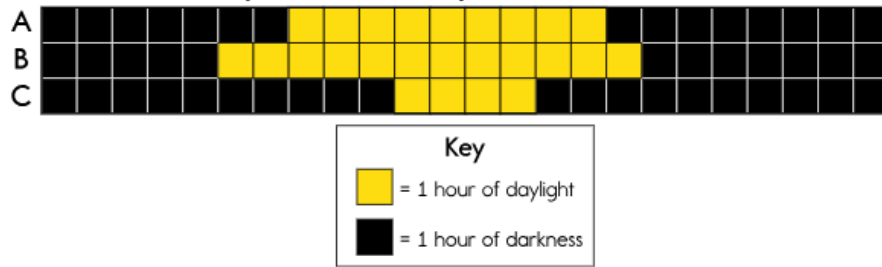
 BACK



NEXT 

This graph shows daylight hours and darkness hours for the 3 locations.

Graph 1. Winter Day in Locations A, B, C

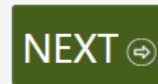


How many daylight hours does location B have on this winter day?

4 hours

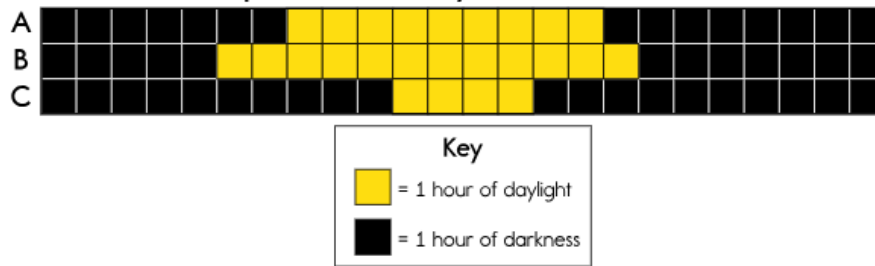
12 hours

17 hours



This graph shows daylight hours and darkness hours for the 3 locations.

Graph 1. Winter Day in Locations A, B, C

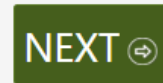
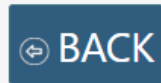


Which location has the fewest number of daylight hours?

location A

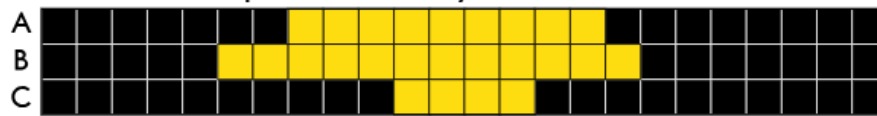
location B

location C



This graph shows daylight hours and darkness hours for the 3 locations.

Graph 1. Winter Day in Locations A, B, C



Key

 = 1 hour of daylight

 = 1 hour of darkness

How many daylight hours does location C have on this winter day?

4 hours

10 hours

14 hours

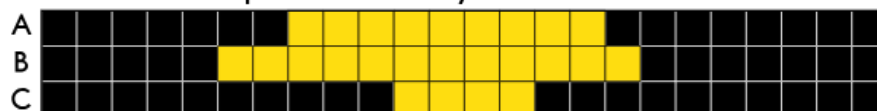
 BACK



NEXT 

The scientist needs a location with the most daylight hours. This graph shows daylight hours and darkness hours for the 3 locations.

Graph 1. Winter Day in Locations A, B, C



Key

- = 1 hour of daylight
- = 1 hour of darkness

Which location will the scientist visit to have the most daylight hours?

location A

location B

location C

BACK



NEXT

Review: Science 5.ESS.SolSys-3 PP

Are you done?

Red boxes ☐ mean you are not done. Ask your teacher for help.

Blue dots ☒ mean you are done. You can choose end.

Your Progress

1	2	3	4	5
☐	☐	☐	☐	☐

☒ Answered

☐ Not Answered

GO BACK

END

Review: Science 5.ESS.SolSys-3 PP

Are you done?

Red boxes ☐ mean you are not done. Ask your teacher for help.

Blue dots mean you are done.

You can click the GO BACK button to return to the previous question.

Your Progress

1	2	3	4	5
☐	☐	☐	☐	☐

Are you sure you want to end?

YES NO

GO BACK

END