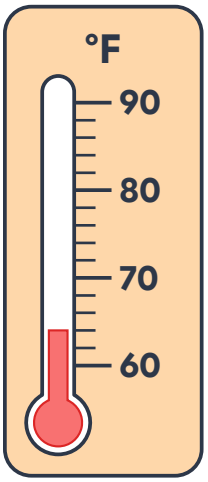
Name _____ Date _____

Sun and Temperature

Read each thermometer. How much warmer did it get?

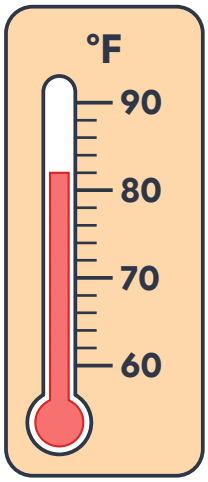
1. Seagull Bay

Morning



_____ °F

Afternoon

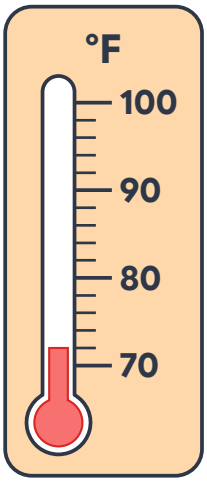


_____ °F

It got _____ degrees warmer.

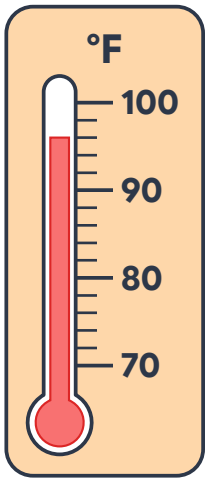
2. Sandy Point

Morning



_____ °F

Afternoon

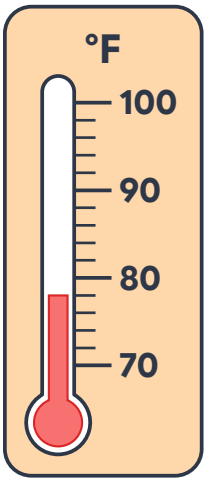


_____ °F

It got _____ degrees warmer.

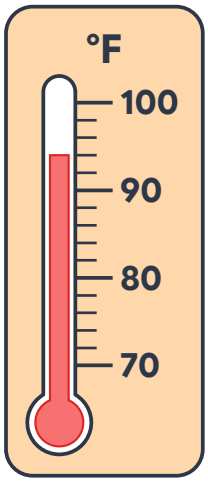
3. Pelican Beach

Morning



_____ °F

Afternoon

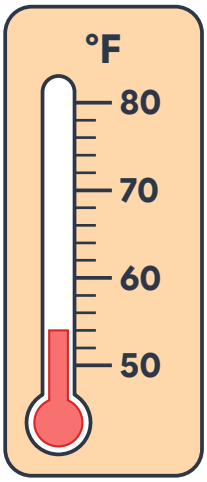


_____ °F

It got _____ degrees warmer.

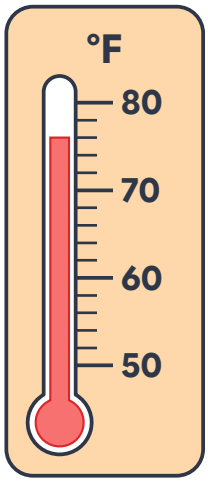
4. Driftwood Hill

Morning



_____ °F

Afternoon



_____ °F

It got _____ degrees warmer.

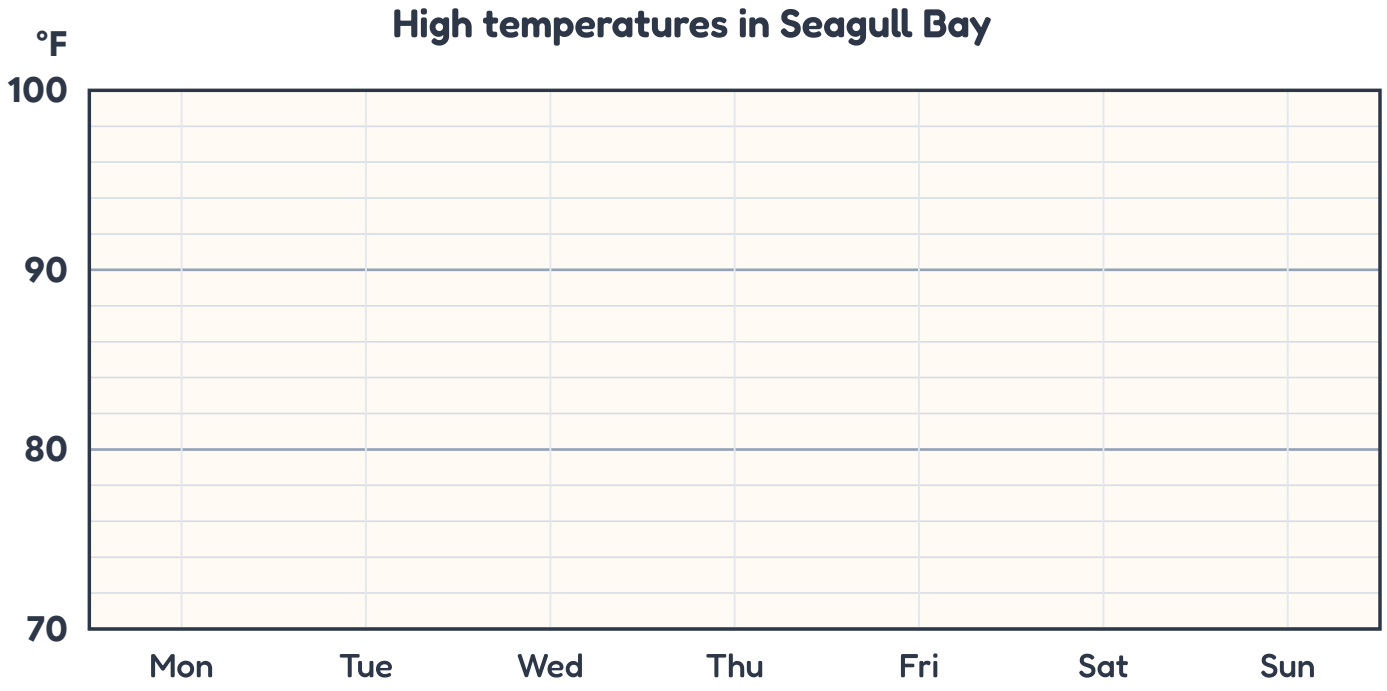
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Name _____ Date _____

Sun and Temperature

Make a line graph of the high temperatures in Seagull Bay.

Day	Mon	Tue	Wed	Thu	Fri	Sat	Sun
High (°F)	78	84	94	96	74	80	88



1. Which day was the hottest? _____

2. Which day was the coolest? _____

3. How many degrees hotter was Thursday than Friday? _____ degrees

4. On how many days was the high **90**°F or more? _____ days

5. From one day to the next, when did the high rise the most? _____

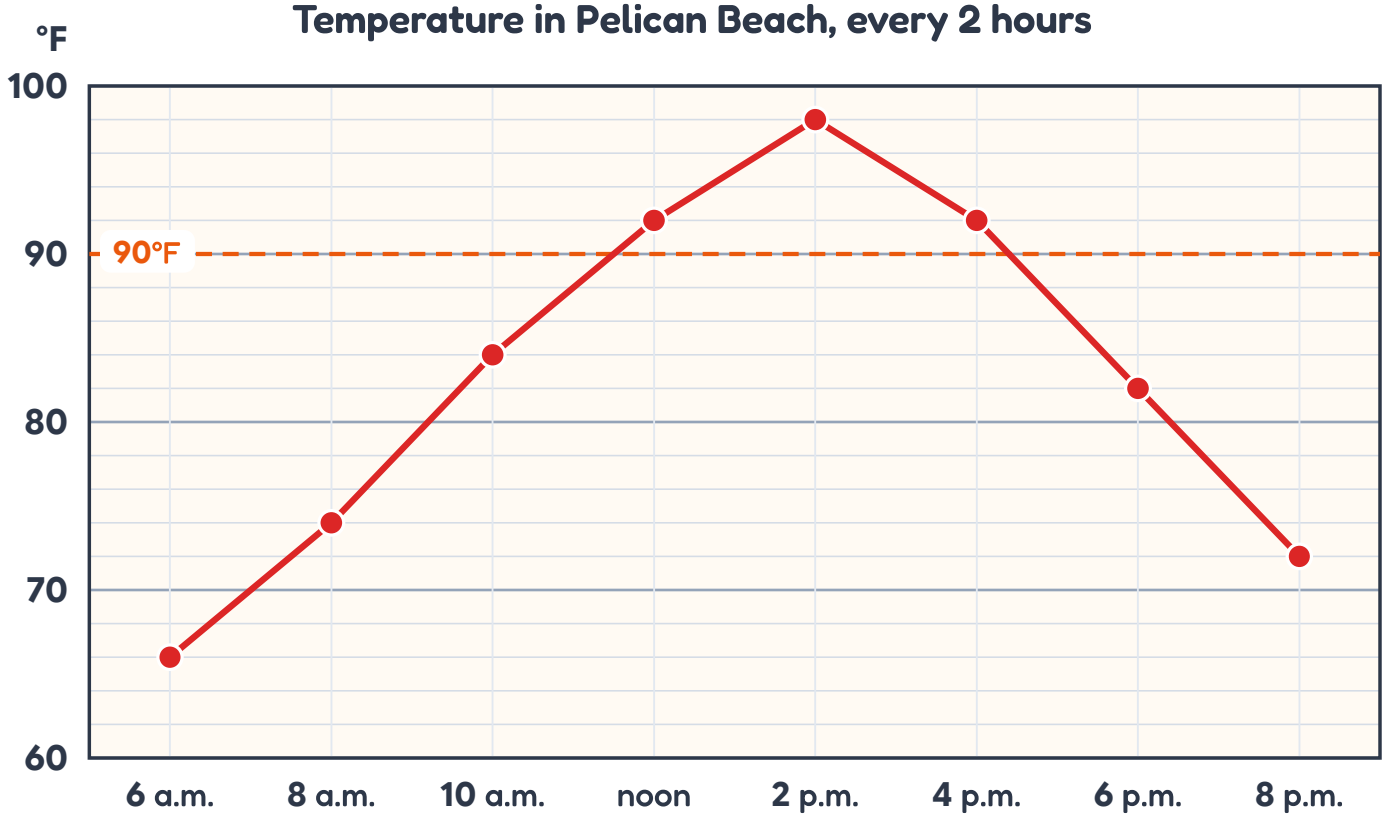
6. From one day to the next, when did the high drop the most? _____

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Name _____ Date _____

Sun and Temperature

The line graph shows one hot summer day in Pelican Beach.



1. What was the temperature at **10** a.m.? _____ **°F**

2. At what time was it hottest? _____

3. How many degrees hotter was it at **2** p.m. than at **6** a.m.? _____ degrees

4. Between which two times did it get hotter the most? _____

5. At which two times was it **92**°F? _____

6. How many of the readings were **90**°F or more? _____

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Name _____ Date _____



Sun and Temperature

Write the category of each UV index. Then answer.



UV index categories

L	M	H	VH	E
Low 1 or 2	**Moderate** 3 to 5	**High** 6 or 7	**Very high** 8 to 10	**Extreme** 11 or more

Time	7 a.m.	8 a.m.	9 a.m.	10 a.m.	11 a.m.	noon
UV index	1	2	4	7	9	11
Category						

Time	1 p.m.	2 p.m.	3 p.m.	4 p.m.	5 p.m.	6 p.m.
UV index	12	11	9	6	3	1
Category						

1. What is the highest UV index of the day? _____

2. At what time is the UV index highest? _____

3. At how many of the times is the UV index extreme? _____ times

4. Sun protection is needed when the UV index is **3** or more. At what time is it first needed? _____

5. At what time is sun protection last needed? _____

6. How many hours is it from the first time to the last? _____ hours

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Name _____ Date _____

Sun and Temperature

Sunscreen goes on again every 2 hours. When is it next?

Put sunscreen on 15 minutes before you go out in the sun, and again every 2 hours (and after a swim).

1. Example



On at 9:30 a.m.

Again at 11:30 a.m.

2.



On at _____ a.m.

Again at _____

3.



On at _____ a.m.

Again at _____

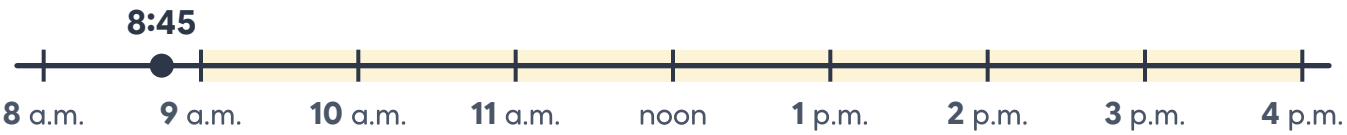
4.



On at _____ p.m.

Again at _____

A day at the beach, from **9:00** a.m. to **4:00** p.m. Sunscreen goes on **15** minutes before, at **8:45** a.m., and again every **2** hours. Mark each time on the time line and write it.



Again at: _____ _____ _____

5. How many times does the sunscreen go on in all, counting **8:45** a.m.? _____ times

6. How long is it from the last time until **4:00** p.m.? _____

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Name _____ Date _____



Sun and Temperature

Read each problem. Write the answer.

1. 

Ava put on sunscreen at **10:15** a.m. It is now **11:40** a.m. How many minutes until she puts it on again?

Answer: _____ minutes

2. 

Sun protection was needed from **8:40** a.m. to **5:10** p.m. How long is that?

Answer: _____ hours _____ minutes

3. 

At **3** p.m. it was **94**°F. A thunderstorm came through, and by **6** p.m. it was **17** degrees cooler. What was it at **6** p.m.?

Answer: _____ **°F**

4. 

A bottle holds **16** ounces of sunscreen. The family uses **3** ounces each time. How many full times can they put it on?

Answer: _____ times

5. 

At **7** a.m. it was **68**°F, and the temperature rose by **4** degrees every hour until noon. What was the temperature at noon?

Answer: _____ **°F**

6. 

The UV index was **4** at **9** a.m. and **12** at **1** p.m. It went up by the same amount each hour. How much did it go up each hour?

Answer: _____

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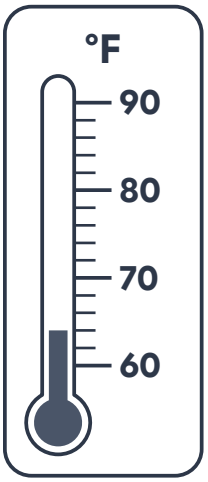
Name _____ Date _____

Sun and Temperature

Read each thermometer. How much warmer did it get?

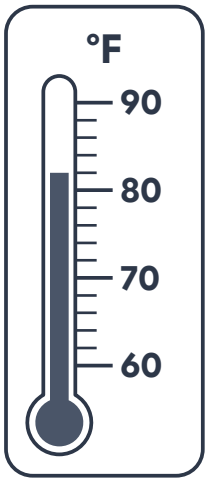
1. Seagull Bay

Morning



_____ °F

Afternoon

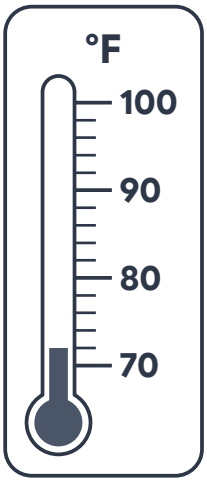


_____ °F

It got _____ degrees warmer.

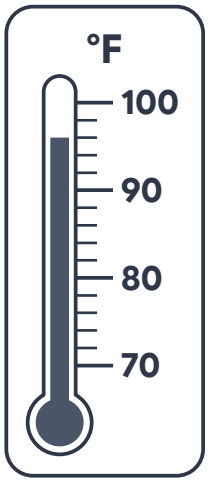
2. Sandy Point

Morning



_____ °F

Afternoon

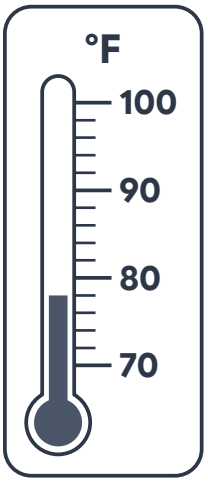


_____ °F

It got _____ degrees warmer.

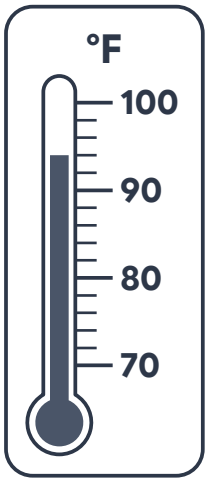
3. Pelican Beach

Morning



_____ °F

Afternoon

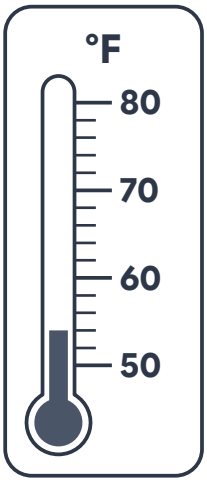


_____ °F

It got _____ degrees warmer.

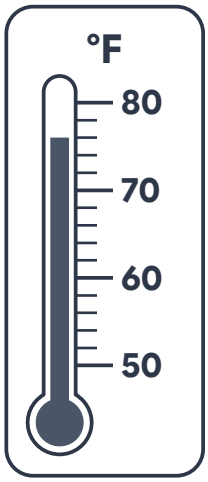
4. Driftwood Hill

Morning



_____ °F

Afternoon



_____ °F

It got _____ degrees warmer.

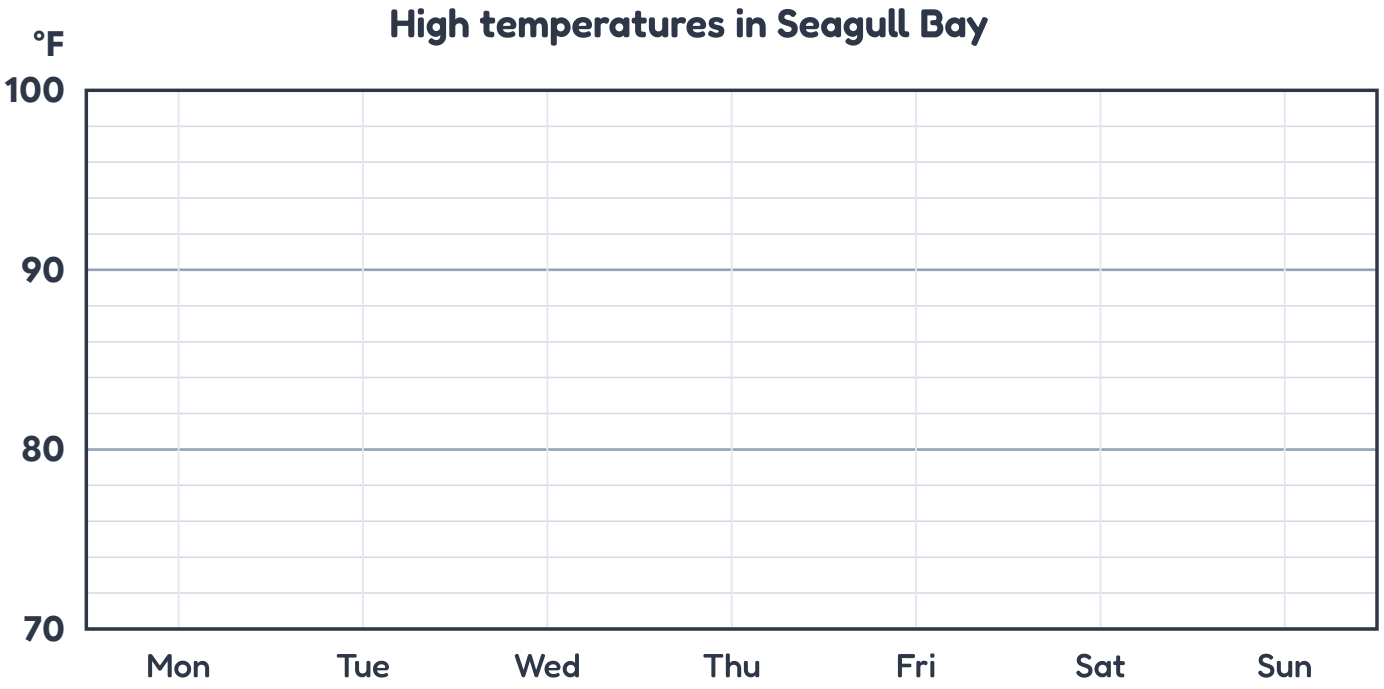
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Name _____ Date _____

Sun and Temperature

Make a line graph of the high temperatures in Seagull Bay.

Day	Mon	Tue	Wed	Thu	Fri	Sat	Sun
High (°F)	78	84	94	96	74	80	88



1. Which day was the hottest? _____

2. Which day was the coolest? _____

3. How many degrees hotter was Thursday than Friday? _____ degrees

4. On how many days was the high **90**°F or more? _____ days

5. From one day to the next, when did the high rise the most? _____

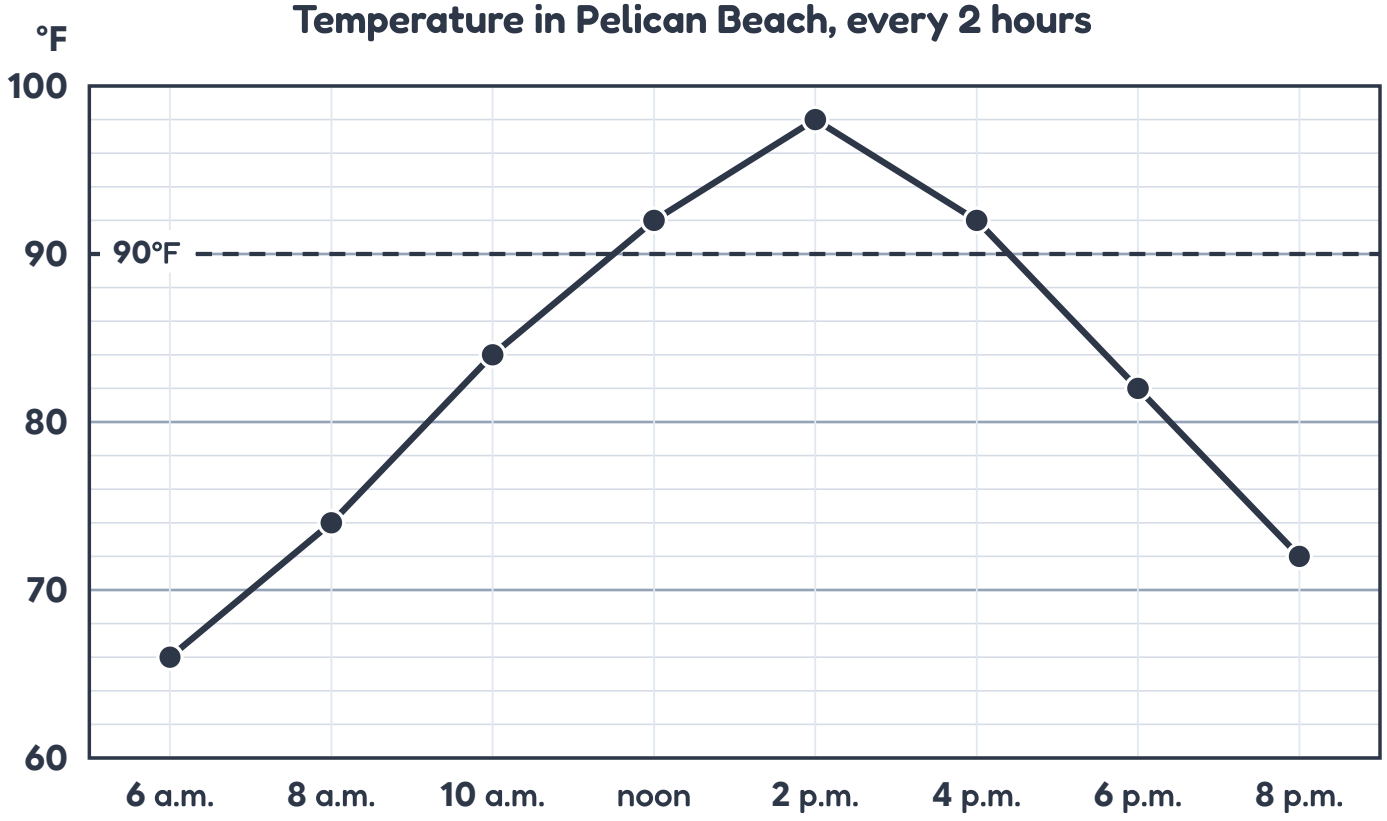
6. From one day to the next, when did the high drop the most? _____

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Name _____ Date _____

Sun and Temperature

The line graph shows one hot summer day in Pelican Beach.



1. What was the temperature at **10** a.m.? _____ **°F**

2. At what time was it hottest? _____

3. How many degrees hotter was it at **2** p.m. than at **6** a.m.? _____ degrees

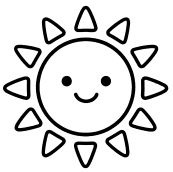
4. Between which two times did it get hotter the most? _____

5. At which two times was it **92**°F? _____

6. How many of the readings were **90**°F or more? _____

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Name _____ Date _____



Sun and Temperature

Write the category of each UV index. Then answer.

UV index categories

L	M	H	VH	E
Low	**Moderate**	**High**	**Very high**	**Extreme**
1 or **2**	**3** to **5**	**6** or **7**	**8** to **10**	**11** or more

Time	7 a.m.	8 a.m.	9 a.m.	10 a.m.	11 a.m.	noon
UV index	1	2	4	7	9	11
Category						

Time	1 p.m.	2 p.m.	3 p.m.	4 p.m.	5 p.m.	6 p.m.
UV index	12	11	9	6	3	1
Category						

1. What is the highest UV index of the day? _____

2. At what time is the UV index highest? _____

3. At how many of the times is the UV index extreme? _____ times

4. Sun protection is needed when the UV index is **3** or more. At what time is it first needed? _____

5. At what time is sun protection last needed? _____

6. How many hours is it from the first time to the last? _____ hours

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Name _____ Date _____

Sun and Temperature

Sunscreen goes on again every 2 hours. When is it next?

Put sunscreen on 15 minutes before you go out in the sun, and again every 2 hours (and after a swim).

1. Example



On at **9:30** a.m.

Again at **11:30** a.m.

2.



On at _____ a.m.

Again at _____

3.



On at _____ a.m.

Again at _____

4.



On at _____ p.m.

Again at _____

A day at the beach, from **9:00** a.m. to **4:00** p.m. Sunscreen goes on **15** minutes before, at **8:45** a.m., and again every **2** hours. Mark each time on the time line and write it.



Again at: _____ _____ _____

5. How many times does the sunscreen go on in all, counting **8:45** a.m.? _____ times

6. How long is it from the last time until **4:00** p.m.? _____

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Name _____ Date _____

Sun and Temperature

Read each problem. Write the answer.

1. 

Ava put on sunscreen at **10:15** a.m. It is now **11:40** a.m. How many minutes until she puts it on again?

Answer: _____ minutes

2. 

Sun protection was needed from **8:40** a.m. to **5:10** p.m. How long is that?

Answer: _____ hours _____ minutes

3. 

At **3** p.m. it was **94**°F. A thunderstorm came through, and by **6** p.m. it was **17** degrees cooler. What was it at **6** p.m.?

Answer: _____ **°F**

4. 

A bottle holds **16** ounces of sunscreen. The family uses **3** ounces each time. How many full times can they put it on?

Answer: _____ times

5. 

At **7** a.m. it was **68**°F, and the temperature rose by **4** degrees every hour until noon. What was the temperature at noon?

Answer: _____ **°F**

6. 

The UV index was **4** at **9** a.m. and **12** at **1** p.m. It went up by the same amount each hour. How much did it go up each hour?

Answer: _____

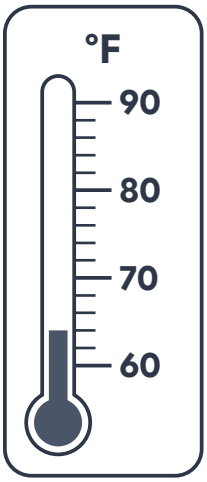
© 2026 Eggroll Games

Sun and Temperature

Read each thermometer. How much warmer did it get?

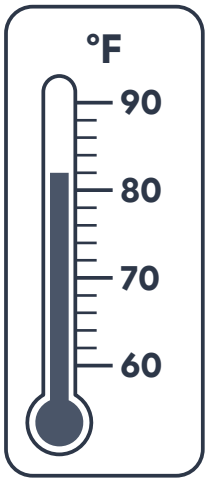
1. Seagull Bay

Morning



64 °F

Afternoon

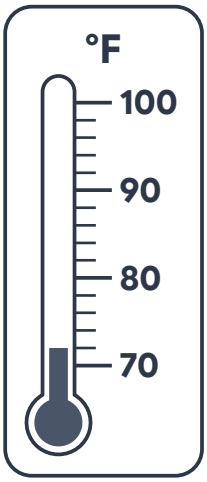


82 °F

It got 18 degrees warmer.

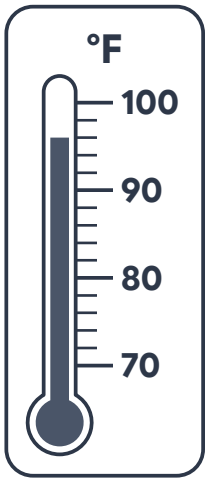
2. Sandy Point

Morning



72 °F

Afternoon

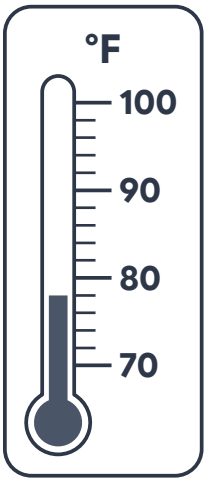


96 °F

It got 24 degrees warmer.

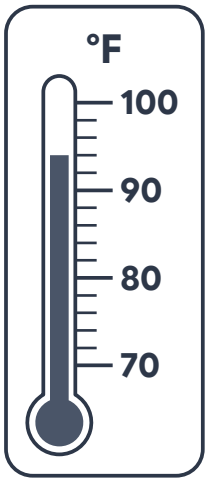
3. Pelican Beach

Morning



78 °F

Afternoon

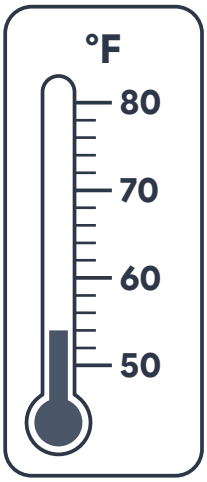


94 °F

It got 16 degrees warmer.

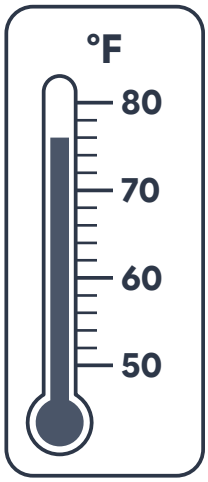
4. Driftwood Hill

Morning



54 °F

Afternoon



76 °F

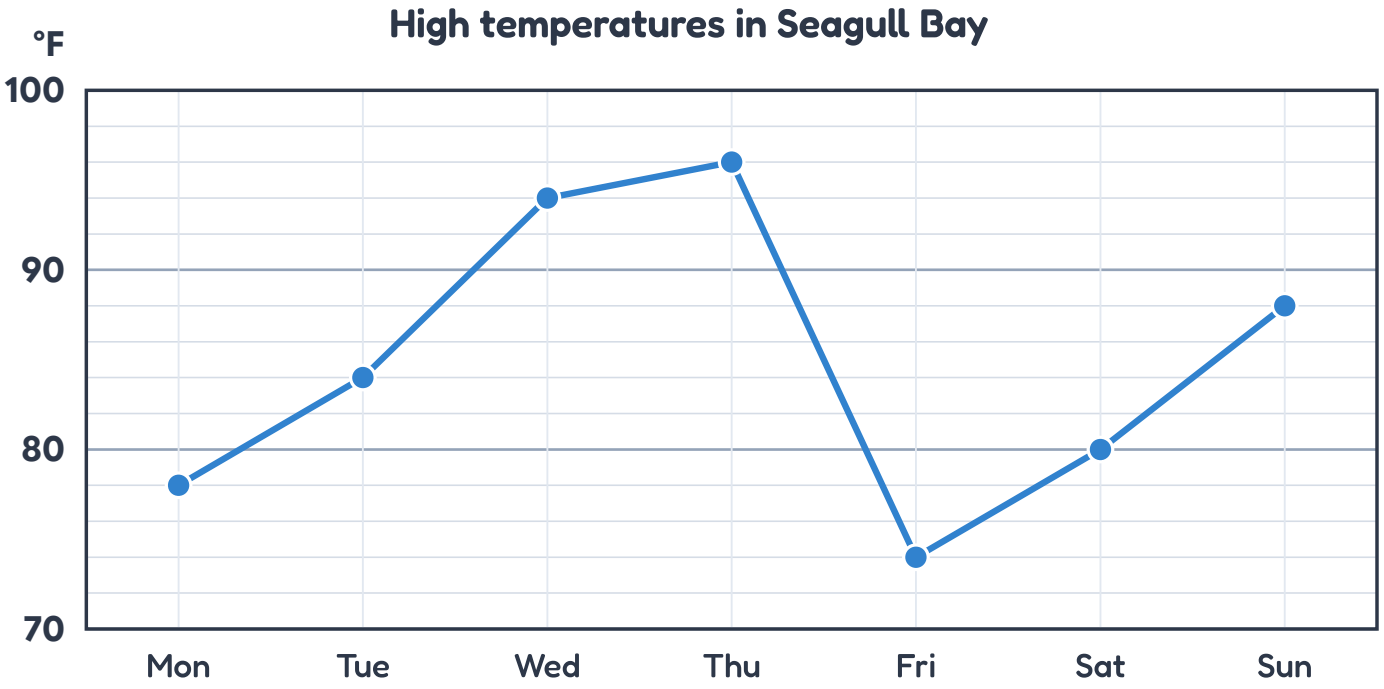
It got 22 degrees warmer.

© 2026 Eggroll Games

Sun and Temperature

Make a line graph of the high temperatures in Seagull Bay.

Day	Mon	Tue	Wed	Thu	Fri	Sat	Sun
High (°F)	78	84	94	96	74	80	88



1. Which day was the hottest? **Thursday**

2. Which day was the coolest? **Friday**

3. How many degrees hotter was Thursday than Friday? **22** degrees

4. On how many days was the high **90**°F or more? **2** days

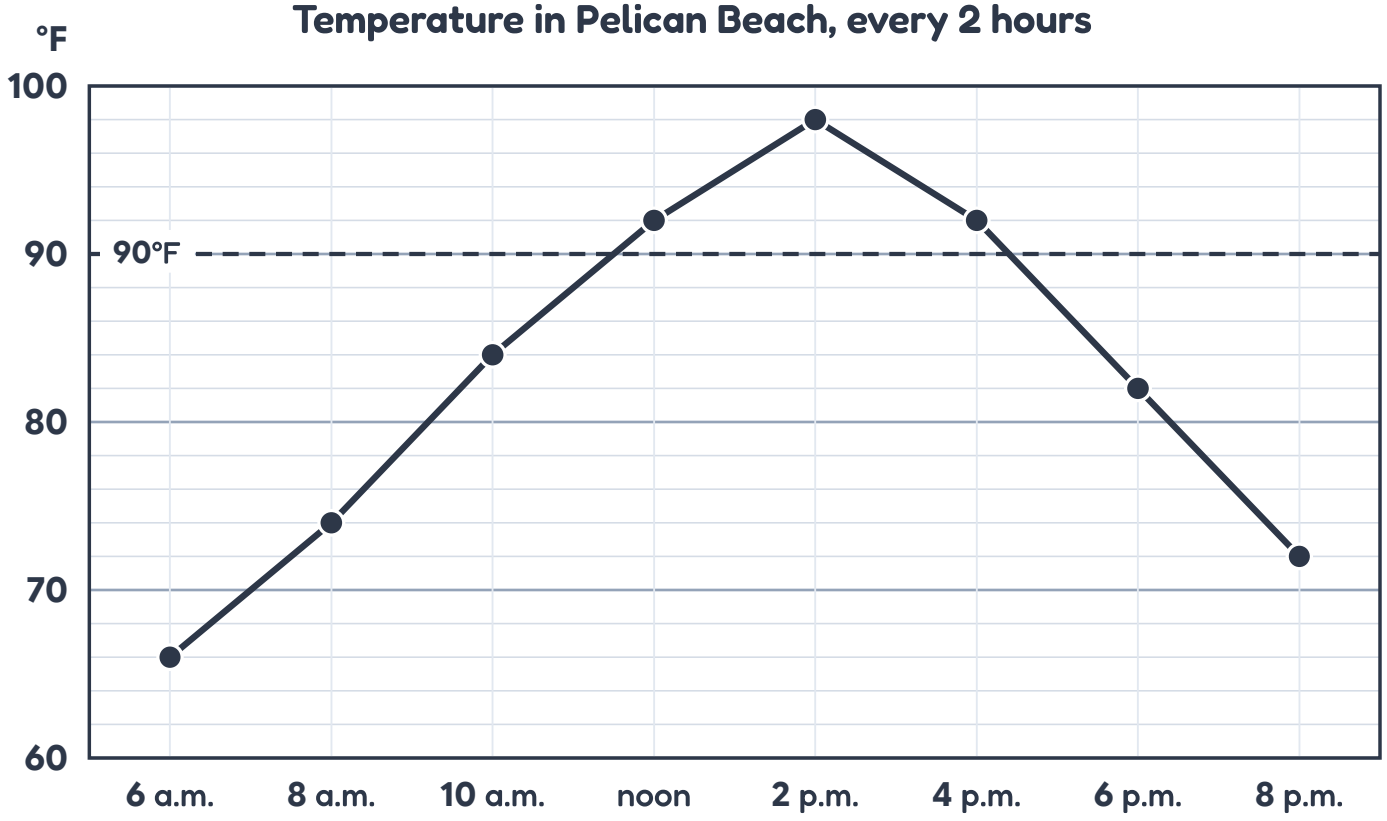
5. From one day to the next, when did the high rise the most? **Tuesday to Wednesday**

6. From one day to the next, when did the high drop the most? **Thursday to Friday**

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Sun and Temperature

The line graph shows one hot summer day in Pelican Beach.



1. What was the temperature at **10** a.m.? **84** **°F**

2. At what time was it hottest? **2 p.m.**

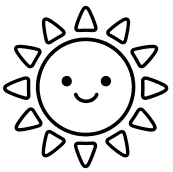
3. How many degrees hotter was it at **2** p.m. than at **6** a.m.? **32** degrees

4. Between which two times did it get hotter the most? **8 a.m. and 10 a.m.**

5. At which two times was it **92**°F? **noon and 4 p.m.**

6. How many of the readings were **90**°F or more? **3**

Find worksheets, teacher tools, and more at animalmath.com
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Sun and Temperature

Write the category of each UV index. Then answer.



UV index categories

L	M	H	VH	E
Low **1** or **2**	**Moderate** **3** to **5**	**High** **6** or **7**	**Very high** **8** to **10**	**Extreme** **11** or more

Time	7 a.m.	8 a.m.	9 a.m.	10 a.m.	11 a.m.	noon
UV index	1	2	4	7	9	11
Category	L	L	M	H	VH	E

Time	1 p.m.	2 p.m.	3 p.m.	4 p.m.	5 p.m.	6 p.m.
UV index	12	11	9	6	3	1
Category	E	E	VH	H	M	L

1. What is the highest UV index of the day? **12**

2. At what time is the UV index highest? **1 p.m.**

3. At how many of the times is the UV index extreme? **3** times

4. Sun protection is needed when the UV index is **3** or more. At what time is it first needed? **9 a.m.**

5. At what time is sun protection last needed? **5 p.m.**

6. How many hours is it from the first time to the last? **8** hours

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Sun and Temperature

Sunscreen goes on again every 2 hours. When is it next?

Put sunscreen on 15 minutes before you go out in the sun, and again every 2 hours (and after a swim).

1. Example



On at **9:30** a.m.

Again at **11:30** a.m.

2.



On at **10:45** a.m.

Again at **12:45** p.m.

3.



On at **11:22** a.m.

Again at **1:22** p.m.

4.



On at **12:38** p.m.

Again at **2:38** p.m.

A day at the beach, from **9:00** a.m. to **4:00** p.m. Sunscreen goes on **15** minutes before, at **8:45** a.m., and again every **2** hours. Mark each time on the time line and write it.

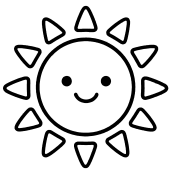


Again at: **10:45** a.m. **12:45** p.m. **2:45** p.m.

5. How many times does the sunscreen go on in all, counting **8:45** a.m.? **4** times

6. How long is it from the last time until **4:00** p.m.? **1 hour 15 minutes**

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Sun and Temperature

Read each problem. Write the answer.

1. 

Ava put on sunscreen at **10:15** a.m. It is now **11:40** a.m. How many minutes until she puts it on again?

Answer: 35 minutes

2. 

Sun protection was needed from **8:40** a.m. to **5:10** p.m. How long is that?

Answer: 8 hours 30 minutes

3. 

At **3** p.m. it was **94**°F. A thunderstorm came through, and by **6** p.m. it was **17** degrees cooler. What was it at **6** p.m.?

Answer: 77 °F

4. 

A bottle holds **16** ounces of sunscreen. The family uses **3** ounces each time. How many full times can they put it on?

Answer: 5 times

5. 

At **7** a.m. it was **68**°F, and the temperature rose by **4** degrees every hour until noon. What was the temperature at noon?

Answer: 88 °F

6. 

The UV index was **4** at **9** a.m. and **12** at **1** p.m. It went up by the same amount each hour. How much did it go up each hour?

Answer: 2

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