Name _____ Date _____

Geminid Meteor Math

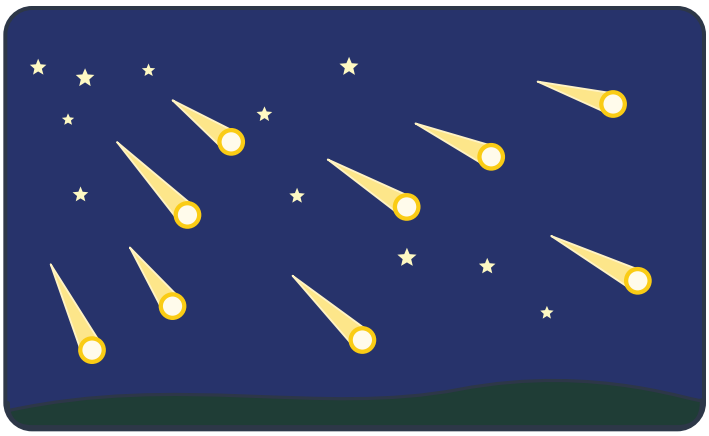
Count the meteors. Write the number, then the tally marks.

From 9 to 10 p.m. Example

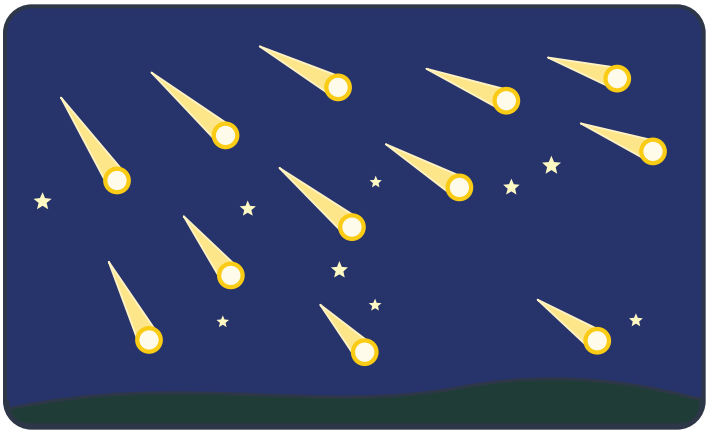


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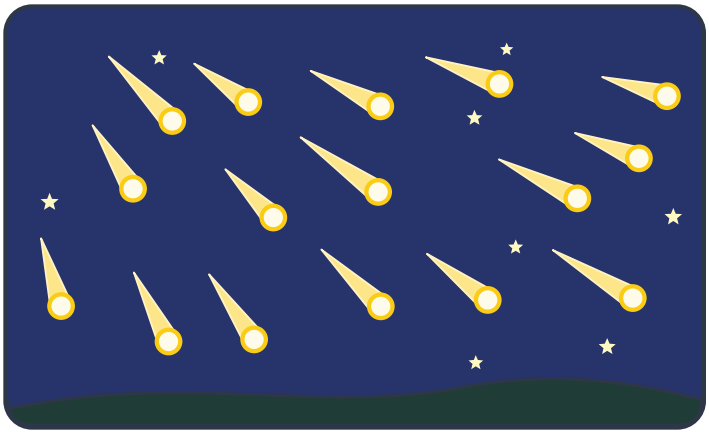
From 10 to 11 p.m.



From 11 p.m. to midnight



From midnight to 1 a.m.



1. Draw a star next to the hour with the most meteors.

2. How many more meteors from midnight to 1 a.m. than from 9 to 10 p.m.? _____ more

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Name _____ Date _____

Geminid Meteor Math

Count the tally marks. Then draw a bar for each night.

Mia watched the sky for **30** minutes each night.

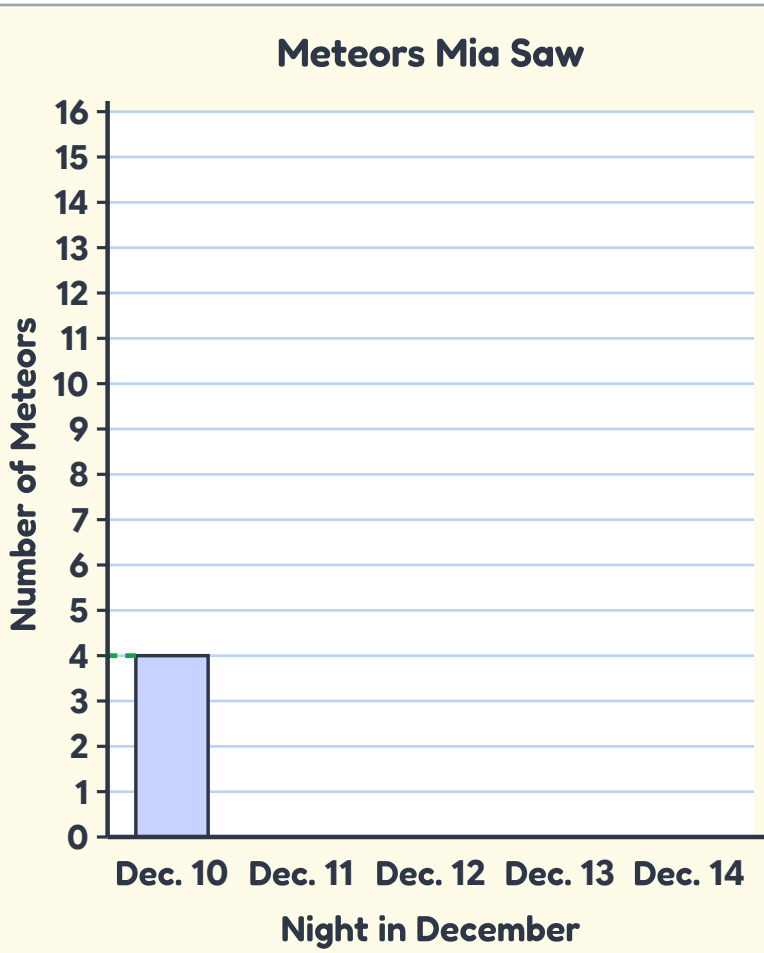
Night	Tally
Dec. 10	𝍸
Dec. 11	𝍸 ||
Dec. 12	𝍸 𝍸 |
Dec. 13	𝍸 𝍸 𝍸 |
Dec. 14	𝍸 𝍸 |||

Example

The Dec. **10** bar is done for you. It goes up to **4**.







1. On which night did Mia see the most meteors? _____

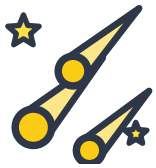
2. On which night did she see the fewest? _____

3. How many more meteors on Dec. **13** than on Dec. **11**? _____

4. How many meteors on Dec. **12** and Dec. **14** in all? _____

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Name _____ Date _____



Geminid Meteor Math

Each meteor picture stands for 2 meteors. Read the graph.

Meteors Seen in 15 Minutes

Place	Meteors Seen	How many?
In the city	2 4 Example	4
In a town		
On a farm		
In the mountains		

Key: Each = 2 meteors

1. Where did they see the most meteors? _____

2. How many more meteors on a farm than in a town? _____

3. How many meteors in the city and in a town in all? _____

4. How many fewer meteors in a town than in the mountains? _____

5. Why do you think they saw the fewest meteors in the city?

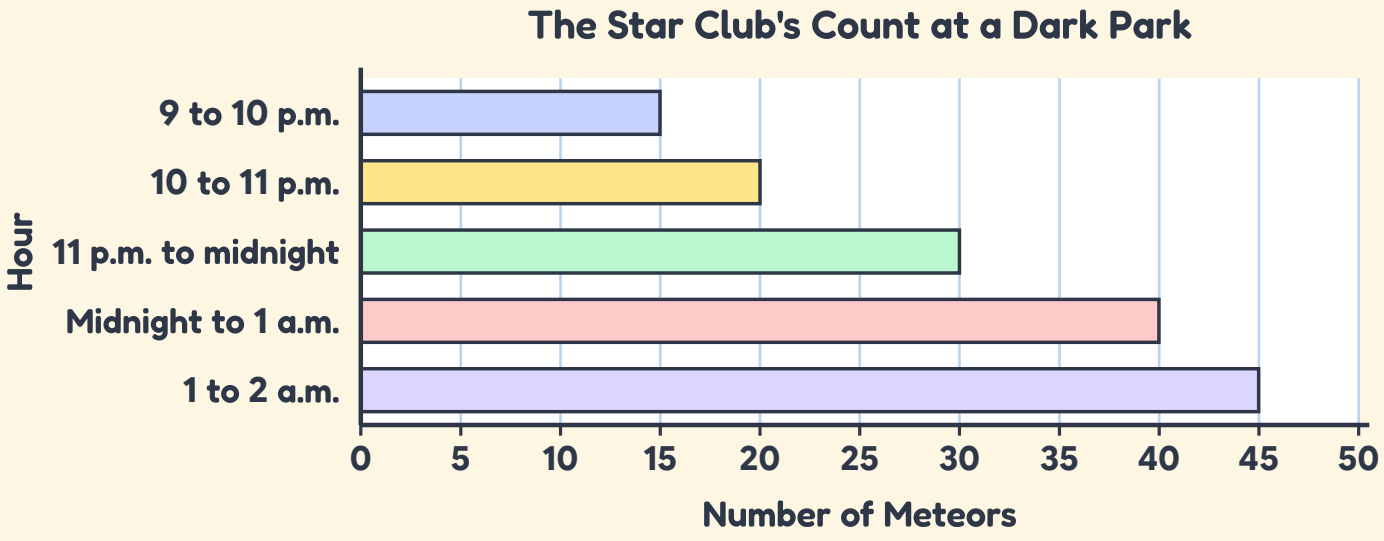
_____

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Name _____ Date _____

Geminid Meteor Math

Read the bar graph. Each line counts by 5.



Example How many meteors did the club count from **11** p.m. to midnight? **30**

1. In which hour did the club count the most meteors? _____

2. How many more meteors from midnight to **1** a.m. than from **9** to **10** p.m.? _____

3. How many meteors did they count before midnight in all? _____

4. How many meteors did they count after midnight in all? _____

5. The club hoped to count **200** meteors. How many more would they need? _____

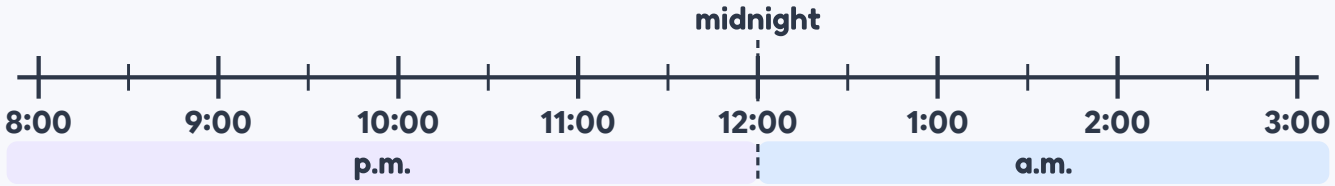
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Name _____ Date _____

Geminid Meteor Math

Write the start and end times. How long did they watch?

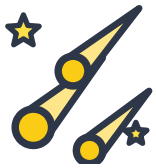
Count the hours on the time line. Midnight is 12:00 a.m.



	Start	End	How long?
Example	 9:00 p.m.	 10:30 p.m.	1 hr 30 min
1.	 : p.m.	 : a.m.	___ hr ___ min
2.	 : p.m.	 : a.m.	___ hr ___ min
3.	 : p.m.	 : a.m.	___ hr ___ min

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Name _____ Date _____



Geminid Meteor Math

Solve each meteor story. Show your work.

1. Ava saw **8** meteors before midnight and **13** more after midnight. How many meteors did she see in all?



_____ **meteors**

2. Leo counted **24** meteors. His sister counted **15**. How many more meteors did Leo count?



_____ **meteors**

3. The class counted **46** meteors on Sunday night and **38** on Monday night. How many meteors is that in all?



_____ **meteors**

4. Nora wants to see **50** meteors this year. She has seen **32**. How many more does she need to see?



_____ **meteors**

5. Dad saw **12** meteors. Mom saw **9** more than Dad. How many meteors did Mom and Dad see in all?



_____ **meteors**

6. The star club saw **75** meteors, and **28** of them were very bright. How many were not very bright?



_____ **meteors**

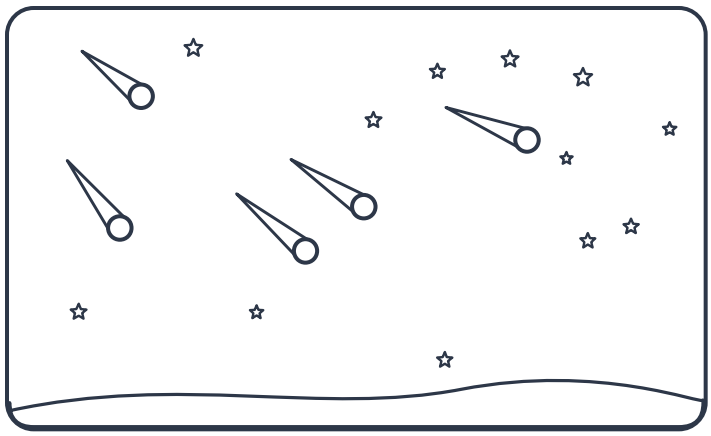
© 2026 Eggroll Games

Name _____ Date _____

Geminid Meteor Math

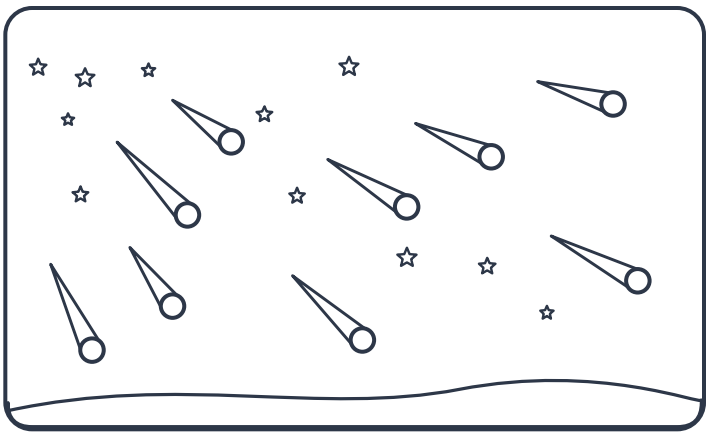
Count the meteors. Write the number, then the tally marks.

From 9 to 10 p.m. Example

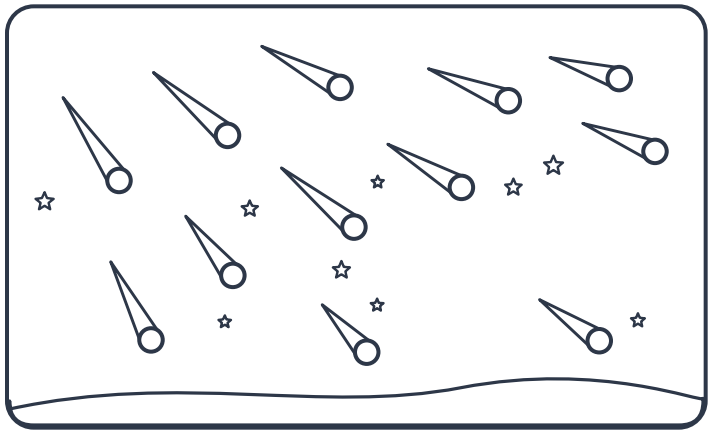


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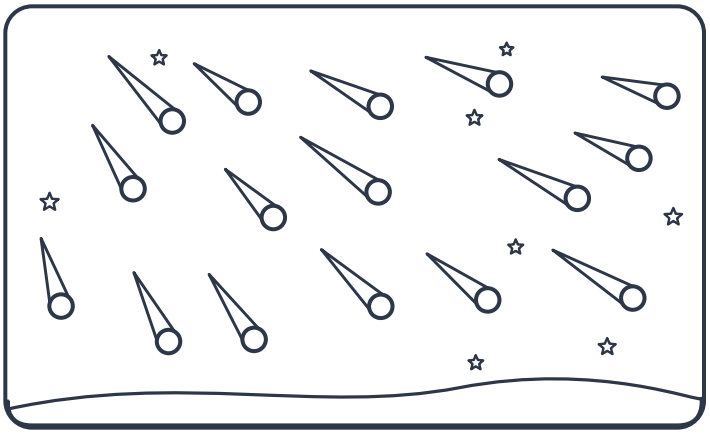
From 10 to 11 p.m.



From 11 p.m. to midnight



From midnight to 1 a.m.



1. **Draw a star next to the hour with the most meteors.**

2. **How many more meteors from midnight to 1 a.m. than from 9 to 10 p.m.?** _____ **more**

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Name _____ Date _____

Geminid Meteor Math

Count the tally marks. Then draw a bar for each night.

Mia watched the sky for **30** minutes each night.

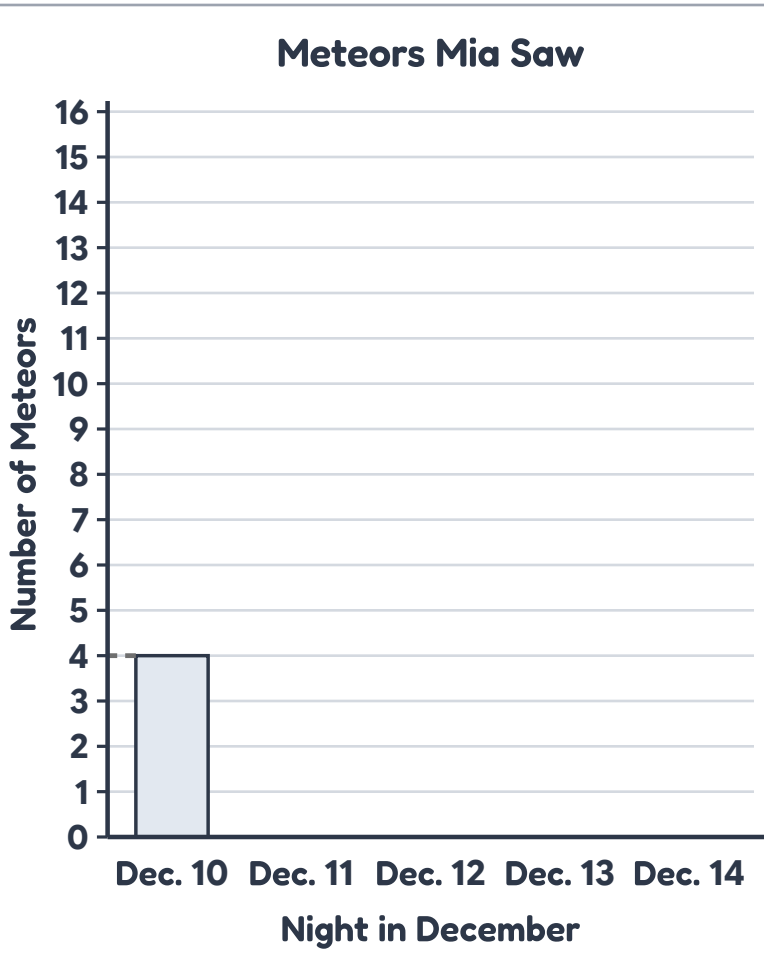
Night	Tally
Dec. **10**	𝍸
Dec. **11**	𝍸 ||
Dec. **12**	𝍸 𝍸 |
Dec. **13**	𝍸 𝍸 𝍸 |
Dec. **14**	𝍸 𝍸 |||

Example

The Dec. **10** bar is done for you. It goes up to **4**.







1. On which night did Mia see the most meteors? _____

2. On which night did she see the fewest? _____

3. How many more meteors on Dec. **13** than on Dec. **11**? _____

4. How many meteors on Dec. **12** and Dec. **14** in all? _____

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Name _____ Date _____



Geminid Meteor Math

Each meteor picture stands for 2 meteors. Read the graph.

Meteors Seen in 15 Minutes

Place	Meteors Seen	How many?
In the city	2 4 Example	4
In a town		
On a farm		
In the mountains		

Key: Each = **2** meteors

1. Where did they see the most meteors? _____

2. How many more meteors on a farm than in a town? _____

3. How many meteors in the city and in a town in all? _____

4. How many fewer meteors in a town than in the mountains? _____

5. Why do you think they saw the fewest meteors in the city?

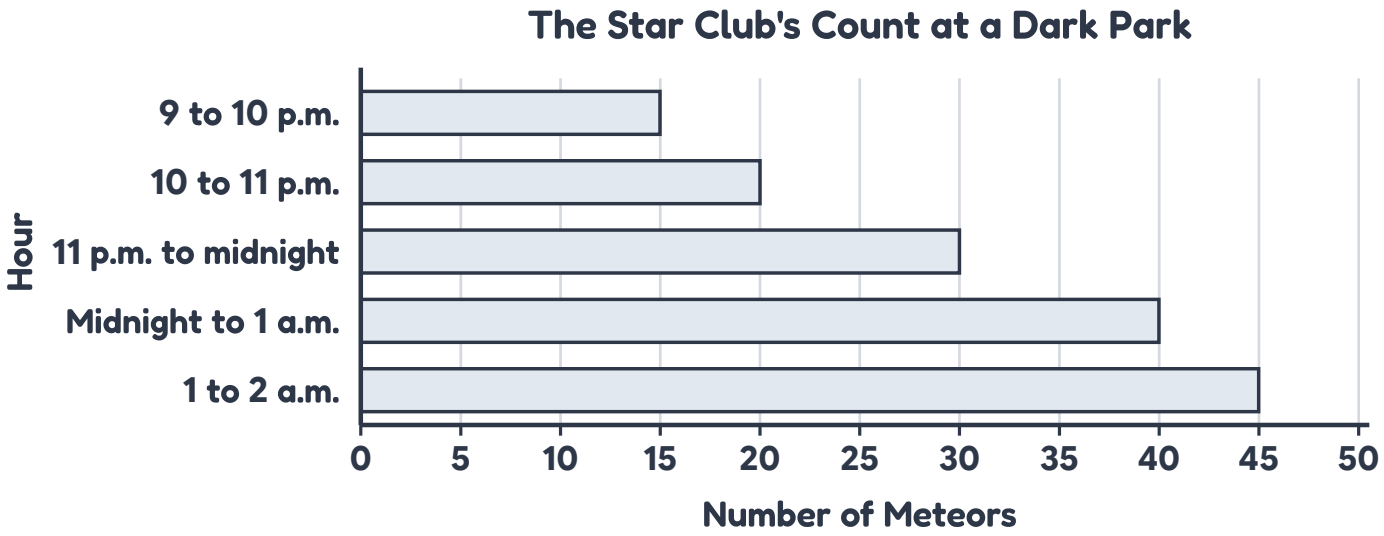
_____

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Name _____ Date _____

Geminid Meteor Math

Read the bar graph. Each line counts by 5.



Example How many meteors did the club count from **11** p.m. to midnight? **30**

1. In which hour did the club count the most meteors? _____

2. How many more meteors from midnight to **1** a.m. than from **9** to **10** p.m.? _____

3. How many meteors did they count before midnight in all? _____

4. How many meteors did they count after midnight in all? _____

5. The club hoped to count **200** meteors. How many more would they need? _____

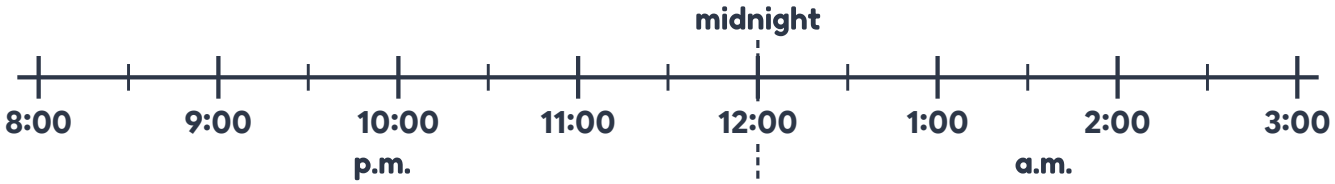
© 2026 Eggroll Games

Name _____ Date _____

Geminid Meteor Math

Write the start and end times. How long did they watch?

Count the hours on the time line. Midnight is 12:00 a.m.



	Start	End	How long?
Example	 9:00 p.m.	 10:30 p.m.	1 hr 30 min
1.	 : p.m.	 : a.m.	___ hr ___ min
2.	 : p.m.	 : a.m.	___ hr ___ min
3.	 : p.m.	 : a.m.	___ hr ___ min

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Name _____ Date _____

Geminid Meteor Math

Solve each meteor story. Show your work.

1. Ava saw **8** meteors before midnight and **13** more after midnight. How many meteors did she see in all?



_____ **meteors**

2. Leo counted **24** meteors. His sister counted **15**. How many more meteors did Leo count?



_____ **meteors**

3. The class counted **46** meteors on Sunday night and **38** on Monday night. How many meteors is that in all?



_____ **meteors**

4. Nora wants to see **50** meteors this year. She has seen **32**. How many more does she need to see?



_____ **meteors**

5. Dad saw **12** meteors. Mom saw **9** more than Dad. How many meteors did Mom and Dad see in all?



_____ **meteors**

6. The star club saw **75** meteors, and **28** of them were very bright. How many were not very bright?



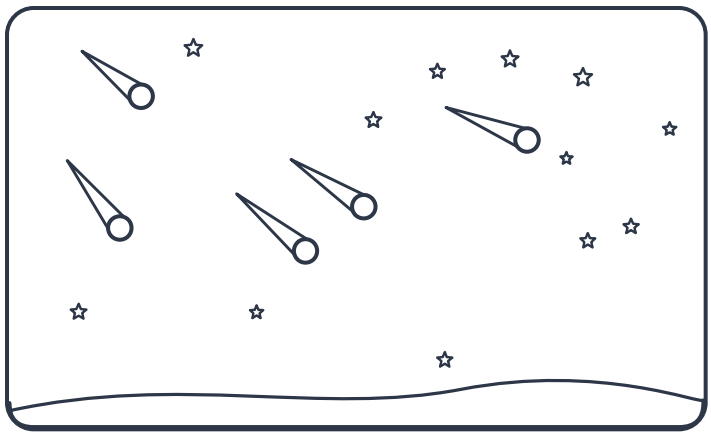
_____ **meteors**

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Geminid Meteor Math

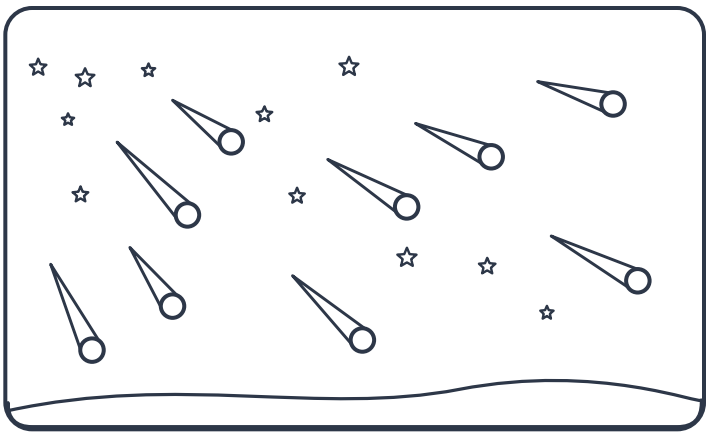
Count the meteors. Write the number, then the tally marks.

From 9 to 10 p.m. Example



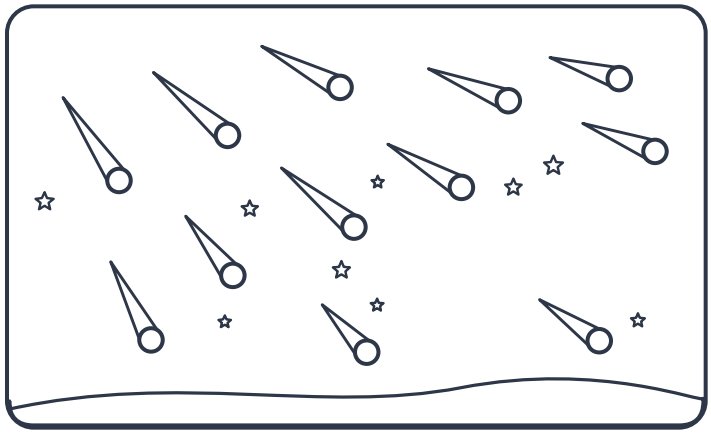
5 | 𝍸

From 10 to 11 p.m.



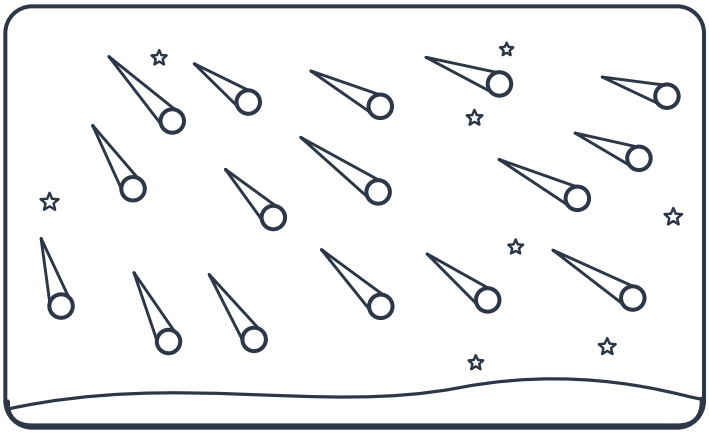
9 | 𝍸 𝍸 ||||

From 11 p.m. to midnight



12 | 𝍸 𝍸 ||

From midnight to 1 a.m. ☆



16 | 𝍸 𝍸 𝍸 |

1. Draw a star next to the hour with the most meteors.

2. How many more meteors from midnight to 1 a.m. than from 9 to 10 p.m.? **11** more

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Geminid Meteor Math

Count the tally marks. Then draw a bar for each night.

Mia watched the sky for **30** minutes each night.

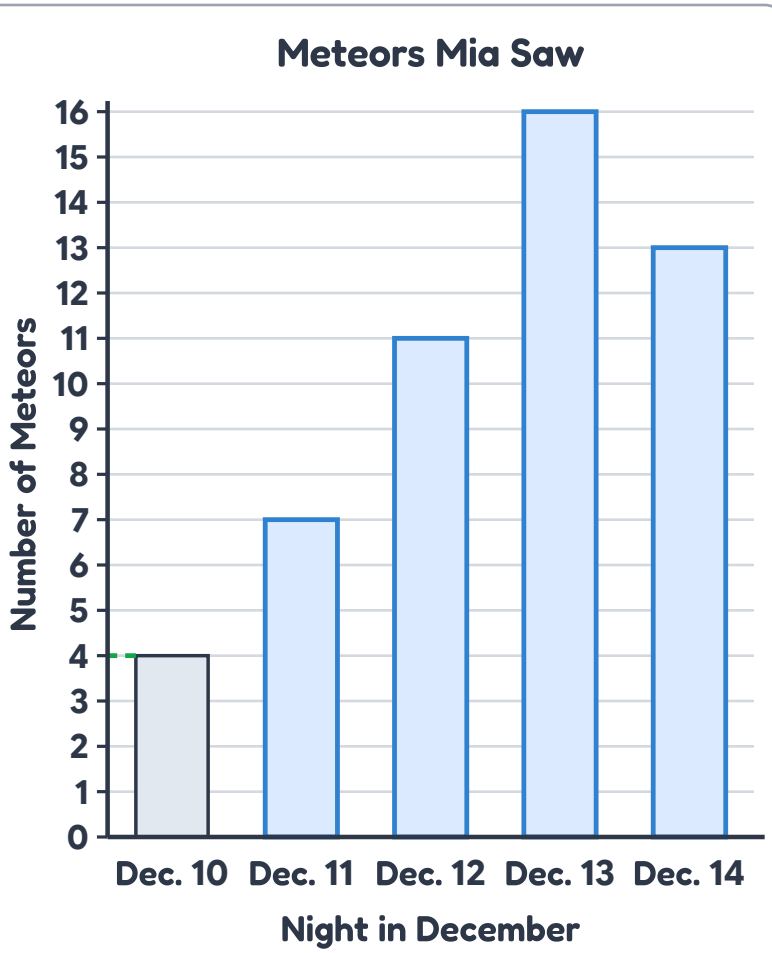
Night	Tally
Dec. 10	𝍸
Dec. 11	𝍸 ||
Dec. 12	𝍸 𝍸 |
Dec. 13	𝍸 𝍸 𝍸 |
Dec. 14	𝍸 𝍸 |||

Example

The Dec. **10** bar is done for you. It goes up to **4**.







1. On which night did Mia see the most meteors? **Dec. 13**

2. On which night did she see the fewest? **Dec. 10**

3. How many more meteors on Dec. **13** than on Dec. **11**? **9**

4. How many meteors on Dec. **12** and Dec. **14** in all? **24**

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Geminid Meteor Math

Each meteor picture stands for 2 meteors. Read the graph.

Meteors Seen in 15 Minutes

Place	Meteors Seen	How many?
In the city	☄ ☄ (2 4) Example	4
In a town	☄ ☄ ☄ ☄	8
On a farm	☄ ☄ ☄ ☄ ☄ ☄ ☄	14
In the mountains	☄ ☄ ☄ ☄ ☄ ☄ ☄ ☄ ☄	18

Key: Each ☄ = 2 meteors

1. Where did they see the most meteors? **In the mountains**

2. How many more meteors on a farm than in a town? **6**

3. How many meteors in the city and in a town in all? **12**

4. How many fewer meteors in a town than in the mountains? **10**

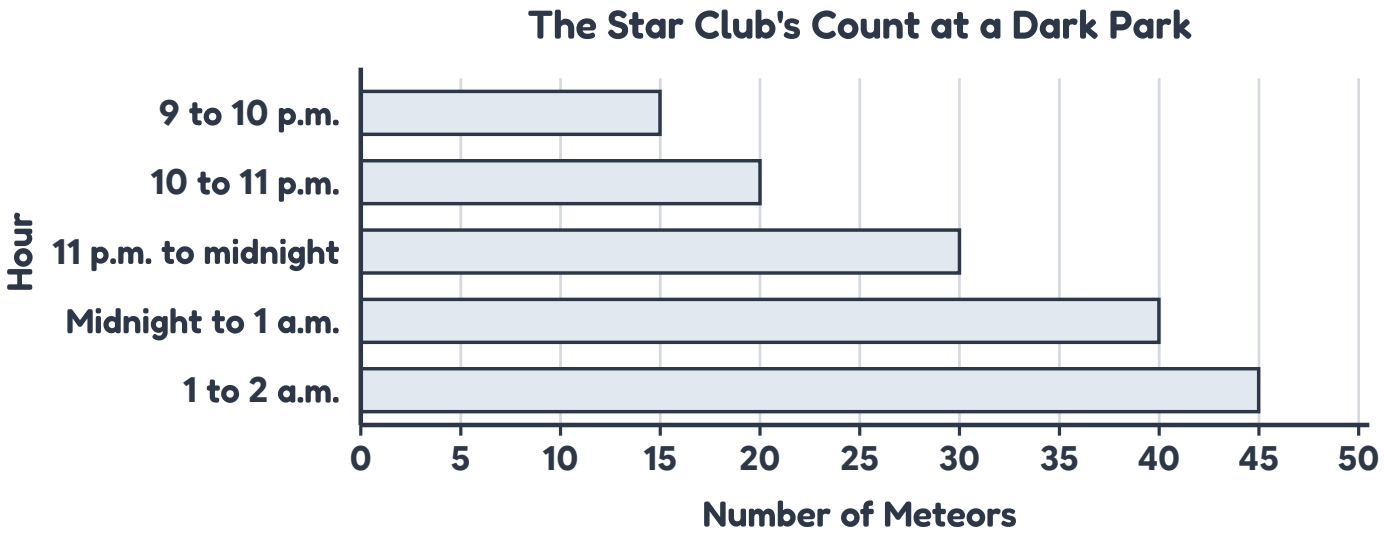
5. Why do you think they saw the fewest meteors in the city?

   City lights make the sky bright, so the faint meteors do not show.

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Geminid Meteor Math

Read the bar graph. Each line counts by 5.



Example How many meteors did the club count from **11** p.m. to midnight? **30**

1. In which hour did the club count the most meteors? **1 to 2 a.m.**

2. How many more meteors from midnight to **1** a.m. than from **9** to **10** p.m.? **25**

3. How many meteors did they count before midnight in all? **65**

4. How many meteors did they count after midnight in all? **85**

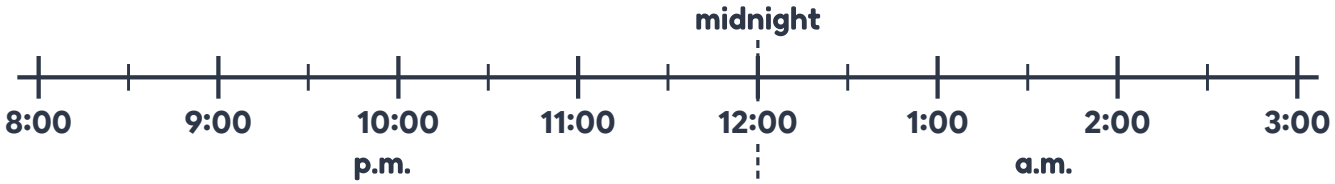
5. The club hoped to count **200** meteors. How many more would they need? **50**

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Geminid Meteor Math

Write the start and end times. How long did they watch?

Count the hours on the time line. Midnight is 12:00 a.m.



	Start	End	How long?
Example	 9:00 p.m.	 10:30 p.m.	1 hr 30 min
1.	 10:00 p.m.	 1:00 a.m.	3 hr 0 min
2.	 11:30 p.m.	 1:30 a.m.	2 hr 0 min
3.	 9:30 p.m.	 12:00 a.m.	2 hr 30 min

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Geminid Meteor Math

Solve each meteor story. Show your work.

1. Ava saw **8** meteors before midnight and **13** more after midnight. How many meteors did she see in all?



21 meteors

2. Leo counted **24** meteors. His sister counted **15**. How many more meteors did Leo count?



9 meteors

3. The class counted **46** meteors on Sunday night and **38** on Monday night. How many meteors is that in all?



84 meteors

4. Nora wants to see **50** meteors this year. She has seen **32**. How many more does she need to see?



18 meteors

5. Dad saw **12** meteors. Mom saw **9** more than Dad. How many meteors did Mom and Dad see in all?



33 meteors

6. The star club saw **75** meteors, and **28** of them were very bright. How many were not very bright?



47 meteors

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