



Part I: Notice and Wonder

1. Take a minute to carefully look over the image shown.
 - a. What do you notice about this image?

[Possible student responses]

I notice—

- a spider web;
- a snail;
- an owl;
- the owl is upside down;
- the snail has teeth.

- b. What do you wonder?

[Possible student responses]

I wonder—

- where the spiders are;
- how many spiders it took to make the web;
- how long it took to make the web.

Grade Band: 3–5

Content Addressed

Elapsed Time
Reading an Analog Clock
Telling Time

Vocabulary

- Minutes
- Hours
- Time
- Clock

 **Presentation Slides**



2. What types of math questions could we ask about this image?

[Possible student responses]

- *How large is the spider web?*
- *How long did it take to build the spider web?*
- *How many spiders did it take to build the web?*
- *What is the shape of the web?*

Part II: Scenario and Guiding Questions

(Optional) Share the video [*Why Do Spiders Build Webs?*](#) with your students.

3. Spiders build webs all day long! If a family of spiders begins building a web at 10 o'clock in the morning and finishes the web at 8:30 in the evening, how many hours did the spiders spend building their web?

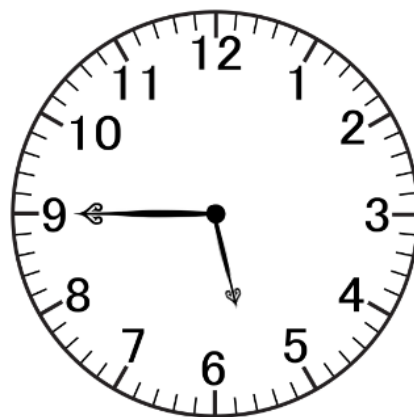
The spiders spent 10 hours and 30 minutes building their web.

4. The spiders take a break every three hours. If they take a break at 11:00 a.m., at what time will they take their next break?

The spiders will take their next break at 2:00 p.m.

5. The family of spiders stopped for dinner at the time shown on the clock to the right. What is the total amount of time that passed between the time the spiders began building their web in the morning and the time they stopped for dinner?

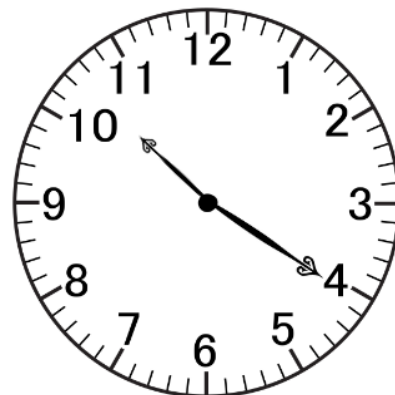
The spiders stopped for dinner at 5:45 p.m. 7 hours and 45 minutes have passed.



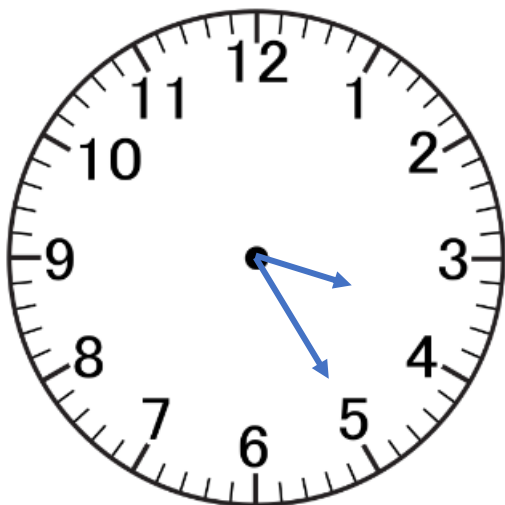


6. The clock on the right shows the time the spiders went to sleep for the night. If they sleep for 8 hours and 35 minutes, at what time will they wake up the next morning?

The spiders went to bed at 10:20 p.m. If they sleep for 8 hours and 35 minutes, they will wake up at 6:55 a.m.



7. It started raining at the time shown on the clock to the right. The spiders did not work on their web while it was raining. The rain lasted for 3 hours and 45 minutes, and the spiders resumed working immediately after it finished. Draw hands on the clock below to show the time when the spiders resumed working after the rain.



Name _____

Notice and Wonder: Web



1. Take a minute to carefully look over the image shown.
 - a. What do you notice about this image?

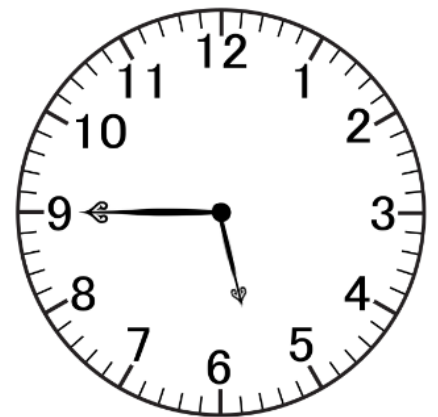
 - b. What do you wonder?

2. What types of math questions could we ask about this image?

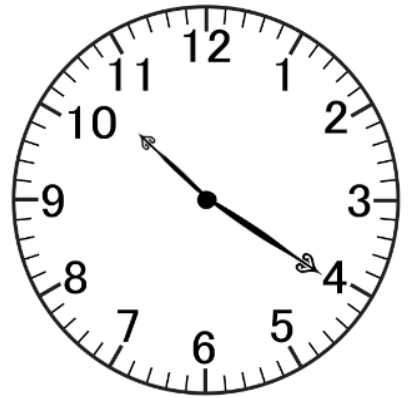
3. Spiders build webs all day long! If a family of spiders begins building a web at 10 o'clock in the morning and finishes the web at 8:30 in the evening, how many hours did the spiders spend building their web?

4. The spiders take a break every three hours. If they take a break at 11:00 a.m., at what time will they take their next break?

5. The family of spiders stopped for dinner at the time shown on the clock to the right. What is the total amount of time that passed between the time the spiders began building their web in the morning and the time they stopped for dinner?



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7. It started raining at the time shown on the clock on the right. The spiders did not work on their web while it was raining. The rain lasted for 3 hours and 45 minutes, and the spiders resumed working immediately after it finished. Draw the hands on the clock below to show the time when the spiders resumed working after the rain.

