

Get Ready for Winter

Dormice are getting ready for a long winter sleep. They eat a lot of food. The food helps them **survive**, or live, through the winter.

Good Night, Sleep Tight!

The dormouse can sleep for six months during the winter. That long sleep is called **hibernation** (high-ber-NAY-shun). During hibernation, an animal's body temperature drops, and its heart rate slows.

Some animals go into such a deep sleep that they cannot be wakened. Others wake for a short time to look for food. Then they quickly fall back to sleep. Hibernating animals wake in the spring, when the weather is warm. They look for food.

How Does a Dormouse Get Ready for the Winter?

Eats a Lot: It stores food so it can survive without eating.

Gets Ready for Bed: It gathers grass and leaves to make a nest.

Hibernates: It curls up and sleeps in its nest. When will it wake?

Winter Ways

Some animals get ready for the winter in other ways, ways that help them survive the cold.



Photos.com

Arctic Fox

Arctic Fox-Adapt: Some animals **adapt** to the cold. Their fur changes color to blend in with the snow.



Photos.com

Frog

Frog-Hide: Some animals **hide** under rocks, leaves, or mud. Sometimes they stay inside logs to keep warm.



Photos.com

Ladybugs

Ladybugs-Diapause: Some insects hibernate. When insects hibernate, it is called **diapause**. During that time, they do not grow.

Name: _____ Date: _____

1. What is the dormouse's long sleep called?

2. When do hibernating animals wake up?

3. How does the Arctic Fox adapt to the cold?

4. What is this passage mostly about?

the sentence.

Dormice eat a lot of food before winter, _____ they can hibernate for up to six months.

- A. but
- B. because
- C. so

6. Use the following vocabulary word in a sentence: gather.

Name: _____ Date: _____

1. The bodies of _____ adapt to the weather.

- A. dormice
- B. Arctic foxes
- C. both
- D. neither

2. First a dormouse _____ and then it _____ before it sleeps through winter.

- A. builds a nest, eats a lot
- B. changes color, builds a nest
- C. burrows in the mud, eats a lot
- D. eats a lot, builds a nest

3. _____ need to prepare for winter.

- A. Dormice
- B. Arctic foxes
- C. Both
- D. Neither

4. _____ hibernate.

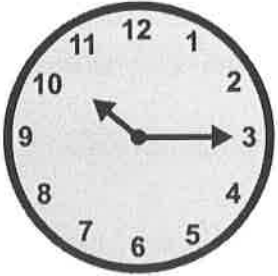
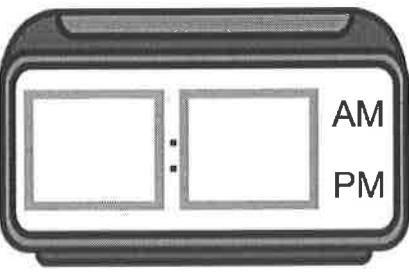
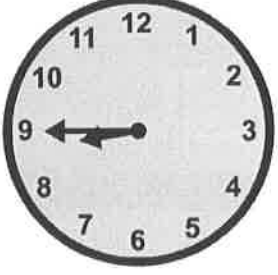
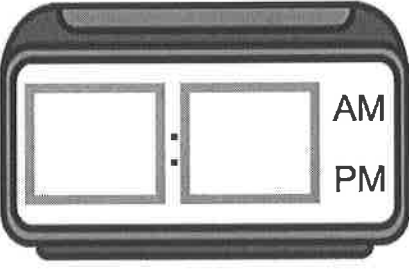
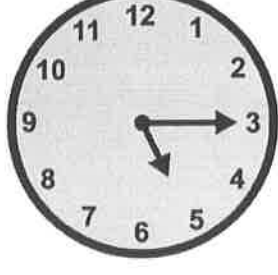
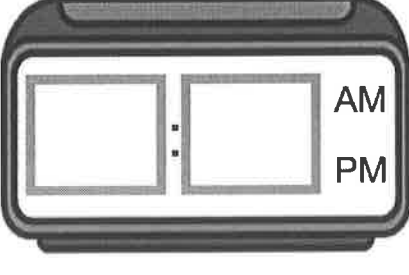
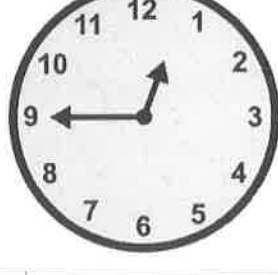
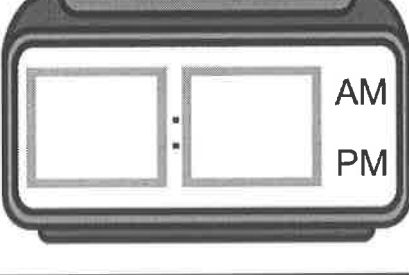
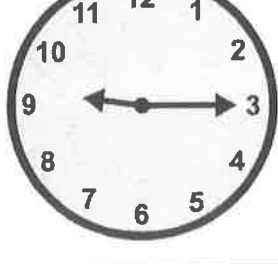
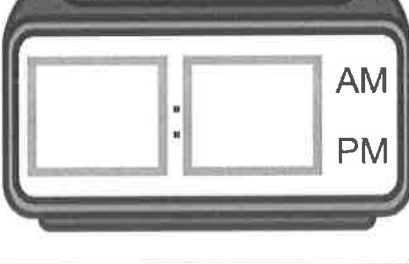
- A. Dormice
- B. Frogs
- C. Both
- D. Neither

5. Besides a dormouse, what other animals hibernate in the winter?

Time to the Quarter Hour

Name: _____

Read the question. Find the answer. Place the time on the clock.

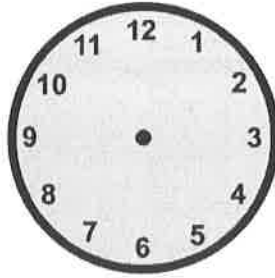
<p>This morning I took pictures outdoors. What time did I start taking pictures?</p>	 <p>10:15 7:15 6:45</p>	
<p>This morning in science class, my sister learned about different moons. What time did science class begin?</p>	 <p>10:45 8:45 5:45</p>	
<p>This afternoon scientists studied data from Cassini. What time did the scientists stop studying the data?</p>	 <p>5:15 3:15 7:15</p>	
<p>After lunch my brother and I watched a TV show about storms. What time did the TV show begin?</p>	 <p>2:45 1:45 12:45</p>	
<p>This morning scientists started building a new spacecraft. What time did they start building the spacecraft?</p>	 <p>7:15 9:15 8:15</p>	

Time Lapse

Name: _____

Read the question. Find the answer. Place the time on the clock.

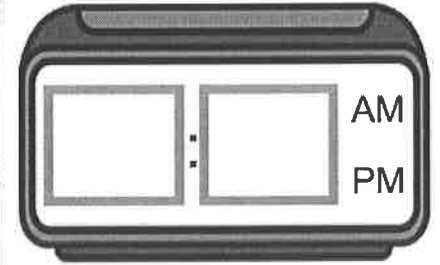
This morning at 9:00, I started taking pictures. I took pictures for 2 hours. What time did I stop taking pictures?



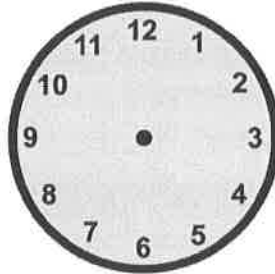
1:00

11:00

8:00



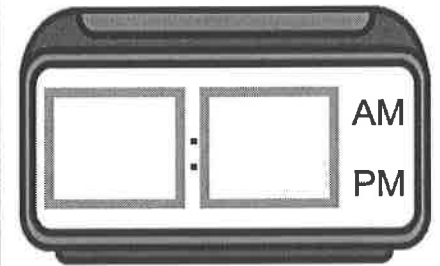
This morning scientists had a meeting about Cassini. The meeting started at 6:00 and lasted 1 hour and 30 minutes. What time did the meeting end?



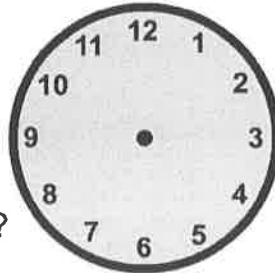
10:30

9:30

7:30



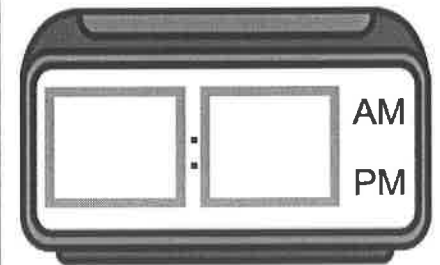
This morning at 11:30, my mom started watching a TV show about Saturn. The TV show lasted 30 minutes. What time did the TV show end?



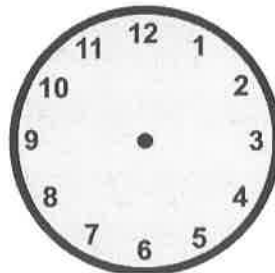
12:00

1:00

1:30



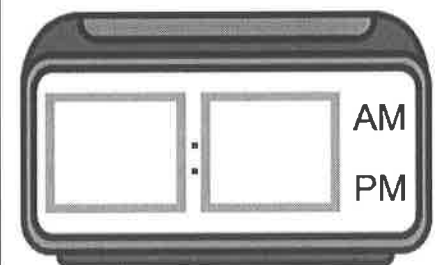
This morning at 10:30, my class arrived at a space museum. We stayed at the museum for 3 hours and 45 minutes. What time did we leave the museum?



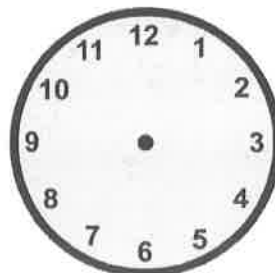
3:15

2:15

1:15



This morning at 9:00, a scientist started working. The scientist worked for 8 hours and 45 minutes. What time did the scientist stop working?



4:45

6:45

5:45

