

Lesson: Math, Grade 2-3
Topic: Elapsed Time



Time for a Fairy Tale

Overview

Students will answer questions about events that take place in Rapunzel regarding time and elapsed time. Digital or analog time may be used.

Learning Outcomes

National Standard - Measurement

Understand measurable attributes of objects and the units, systems, and process of measurement.

Ohio Standard – Measurement

Students estimate and measure to a required degree of accuracy and precision by selecting and using appropriate units, tools, and techniques.

Grade 2 Benchmark

Select appropriate units for perimeter, area, weight, volume (capacity), time, and temperature

Indicator

Tell time to the nearest minute and find elapsed time using the clock

Grade 3 Benchmark

Tell time to the nearest minute.

Indicator

Tell time to the nearest minute and find elapsed time using a calendar or a clock.

Materials

- "Time for a Fairy Tale" handout (digital or analog)
- Overhead and transparencies (optional)
- Large analog and digital clocks (optional)

Vocabulary

- Time
- Minute
- Hour
- Digital
- Analog

Lesson

Set Up

- If using the overhead make transparencies of the "Time for a Fairy Tale" handout.
- Make a class set of copies of the "Time for a Fairy Tale" handout.

Activity

- Use the "Time for a Fairy Tale" handout to discuss the elapsed time between the start time and the end time of events that take place in the story of Rapunzel.
- If a large analog and digital clock is available, use them to demonstrate and count the hours and minutes of elapsed time of the events on the "Time for a Fairy Tale" handout.

Handouts

- "Time for a Fairy Tale"

Evaluation

- If the "Time for a Fairy Tale" handout is used as an individual activity, use it to check students' comprehension
- Use a real clock. Give students a start time and an end time. Ask students to display both of these times on the clock. Then have the students tell the elapsed time between the start and end time

Time for a Fairy Tale



Directions: Read the statement. Look at the start time. Look at the end time. Decide how many hours and minutes each event takes. Write the total hours and minutes in the blank spaces.

1) How long did it take Rapunzel and her friends to complete their play from beginning to end?

Start Time	End Time	Total Time
z6:00 z7:15	_____Hours _____Minutes	

2) How long did it take Rapunzel's father to get the greens out of the garden for Rapunzel's mother?

Start Time	End Time	Total Time
z2:25 z2:55	_____Hours _____Minutes	

3) How long did it take Prince Fredrick to get away from the guards?

Start Time	End Time	Total Time
z8:00 z11:30	_____Hours _____Minutes	

4) How long did it take the witch to climb the tower using Rapunzel's hair?

Start Time	End Time	Total Time
z7:40 z7:50	_____Hours _____Minutes	

5) How long did it take Prince Fredrick to climb the tower using Rapunzel's hair?

Start Time	End Time	Total Time
z9:30 z9:50	_____Hours _____Minutes	

6) How long did it take Prince Fredrick to find the items that would break the witch's spell?

Start Time

End Time

Total Time

z1:20 z7:10

_____Hours _____Minutes

7) How long did the castle guards look for Prince Fredrick?

Start Time

End Time

Total Time

z8:20 z10:55

_____Hours _____Minutes

8) How long did Prince Fredrick talk to Rapunzel the first time they met?

Start Time

End Time

Total Time

z5:30 z6:35

_____Hours _____Minutes

9) How long did it the guards to find something to eat?

Start Time

End Time

Total Time

z3:40 z5:35

_____Hours _____Minutes

10) How long did it take Prince Fredrick to get back to the castle?

Start Time

End Time

Total Time

z5:05 z7:45

_____Hours _____Minutes