

# *Unit 4 Module 1 Session 3*

*Problems & Investigations- Time on a Number Line*

*Assessment-Reflecting on the Unit 4 Pre-Assessment*

Getting Ready-

- <sup>TM</sup> T7 Unit 4 Pre-Assessment Student Reflection Sheet
- <sup>TM</sup> T8 Timelines
- SB 107-108 What Is The Time?
- Scored Unit 4 Pre-Assessments
- Half-Sheets of Scratch Paper or whiteboards (class set)

# VOCABULARY

Half-hour

Timeline

Hour (hr)

Minute (min)

Time

I  
CAN



- Tell and write time to the nearest minute; solve story problems involving addition and subtraction of time intervals in minutes

Pass out corrected Unit 4 Pre-Assessments  
and Student Reflection Sheets.

Skill	Look at these problems.	I can do this well already.	I can do this sometimes.	I need to learn to do this.	Notes
Can you solve story problems about mass, length, and liquid volume?	1a, 1b, 1c, 2a				
Do you remember to label your answers with the correct units when you solve story problems?	1a, 1b, 1c, 2a				
Can you choose the equation that best represents a story problem?	2b				
Can you choose the type of measurement (mass, length, or volume) needed to measure something, and also choose the best unit?	3a, 3b, 3c				
Can you read and write time to the minute?	4, 5				
Can you solve a story problem about time?	6				
Do you understand that half of a small object is not equal to half of a large object?	7a, 7b				
Can you compare fractions and tell when they're equivalent (equal)?	8, 12, 13a, 13b, 13c, 13d				
Can you split a shape into the number of parts you need to make a certain fraction, and then shade that fraction in correctly?	9a, 9b				
Can you place fractions correctly on a number line?	10				
Do you understand that fractions have to be equal parts of the same whole?	11				
Do you understand that the more parts you cut something into, the smaller the parts are?	12				

## Time on a Number Line

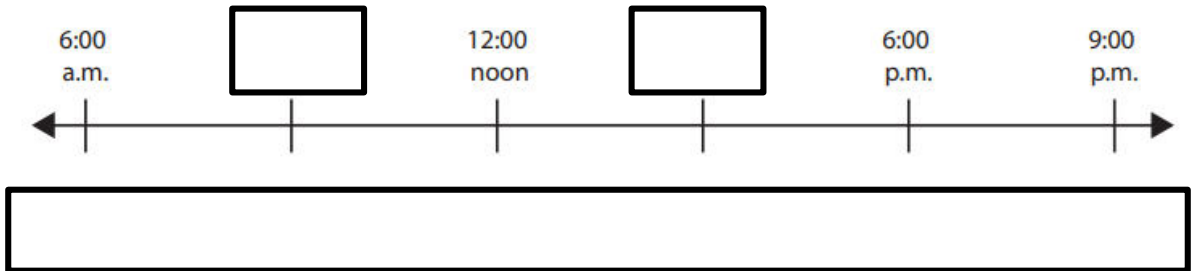
Observations?

What times  
belong in the  
empty spots?



### Timelines

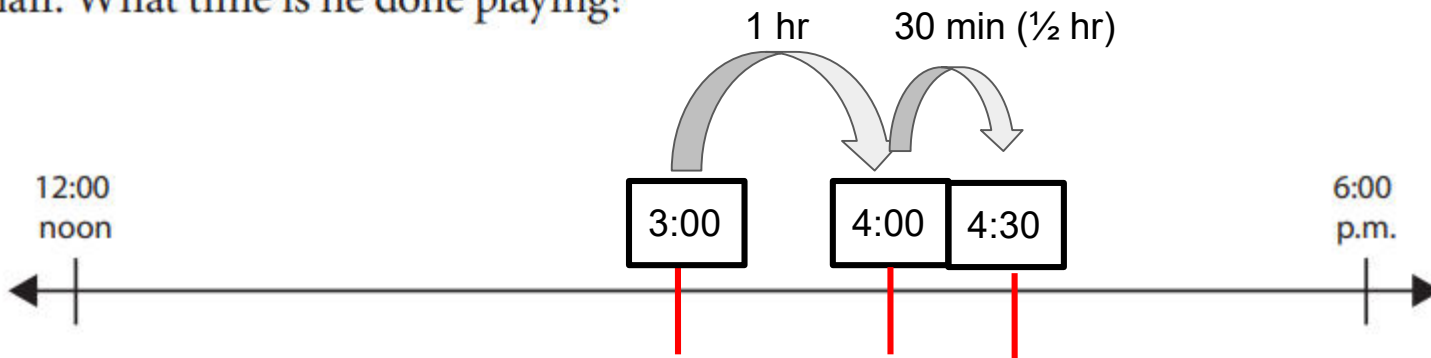
- 1 Label each of the marks with the correct time. Then mark and label other times along the line to show when you do different things throughout the school day.



- 2** Pablo gets home from school at 3:00 p.m. and then plays baseball for an hour and a half. What time is he done playing?



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Pablo is done playing at 4:30



- 3** Serana woke up at 7:30 a.m. and spent 45 minutes getting ready for school. What time was she ready?



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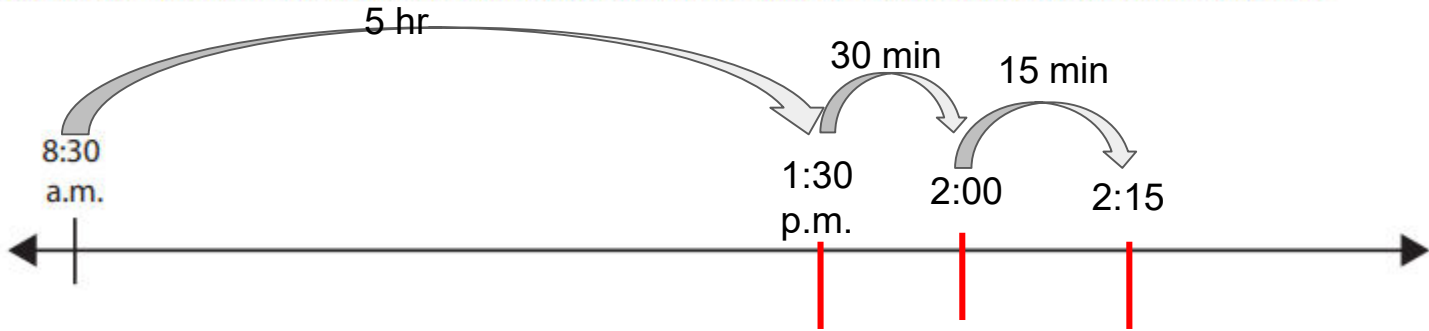
Serena was ready at 8:15

Are there other ways to break up the 45 minutes?

- 4** Brandon and Beth went to a Robotics Competition last Saturday at 8:30 a.m. It lasted 5 hours and 45 minutes. What time were Brandon and Beth done?



- 4 Brandon and Beth went to a Robotics Competition last Saturday at 8:30 a.m. It lasted 5 hours and 45 minutes. What time were Brandon and Beth done?



Brandon and Beth were done at 2:15

Are there other ways to break up the 5 hr/ the 45 min?

# PAGES 107 & 108 PLEASE



## What Is the Time? page 1 of 2

- 1 Use the timelines to model and solve problems a and b below.
  - a Tifani's school ended at 3:30. She went to soccer practice after school for 1 hour and 15 minutes. Then it took her 10 minutes to walk home. When did she arrive home?



Tifani arrived home at \_\_\_\_\_.

- b** Craig starts walking to school at 7:45 am. It takes him 20 minutes to walk to school. School starts at 8:30 am. How much time does Craig have before school starts?



Craig has \_\_\_\_\_ before school starts.

- 2** Sara is only allowed to spend 5 hours a week watching television. Look at the chart to see how much she has used so far this week. How much time does she have left to watch television this weekend? Show all your work.

Day	Time
Monday	45 minutes
Tuesday	60 minutes
Wednesday	90 minutes
Thursday	45 minutes
Friday	30 minutes

Sara has \_\_\_\_\_ left to watch television this weekend.

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**3** Show your work for the problems below. You can draw and use timelines to help if you like.

**a** Noah started playing his guitar at 3:22 p.m. He played for 46 minutes. When did he stop playing?

Noah stopped playing his guitar at \_\_\_\_\_.

**b** Jennifer usually starts her homework at 6:30 p.m., but she was 8 minutes late. She worked on her homework for 27 minutes. What time did she finish her homework?

Jennifer finished her homework at \_\_\_\_\_.

- C** **CHALLENGE** Jeremy started exercising at 4:45 p.m. and he stopped at 5:38 p.m.  
How long did he exercise?

Jeremy exercised for \_\_\_\_\_.



# ***Work Places***

2D Doubles Help

3A Round Ball Tens

3B Add & Round Tens

3C Round Ball Hundreds

3D Round & Add Hundreds

4A Tic-Tac-Tock

# *Daily Practice*

SB 109-110 Telling Time on Analog & Digital Clocks