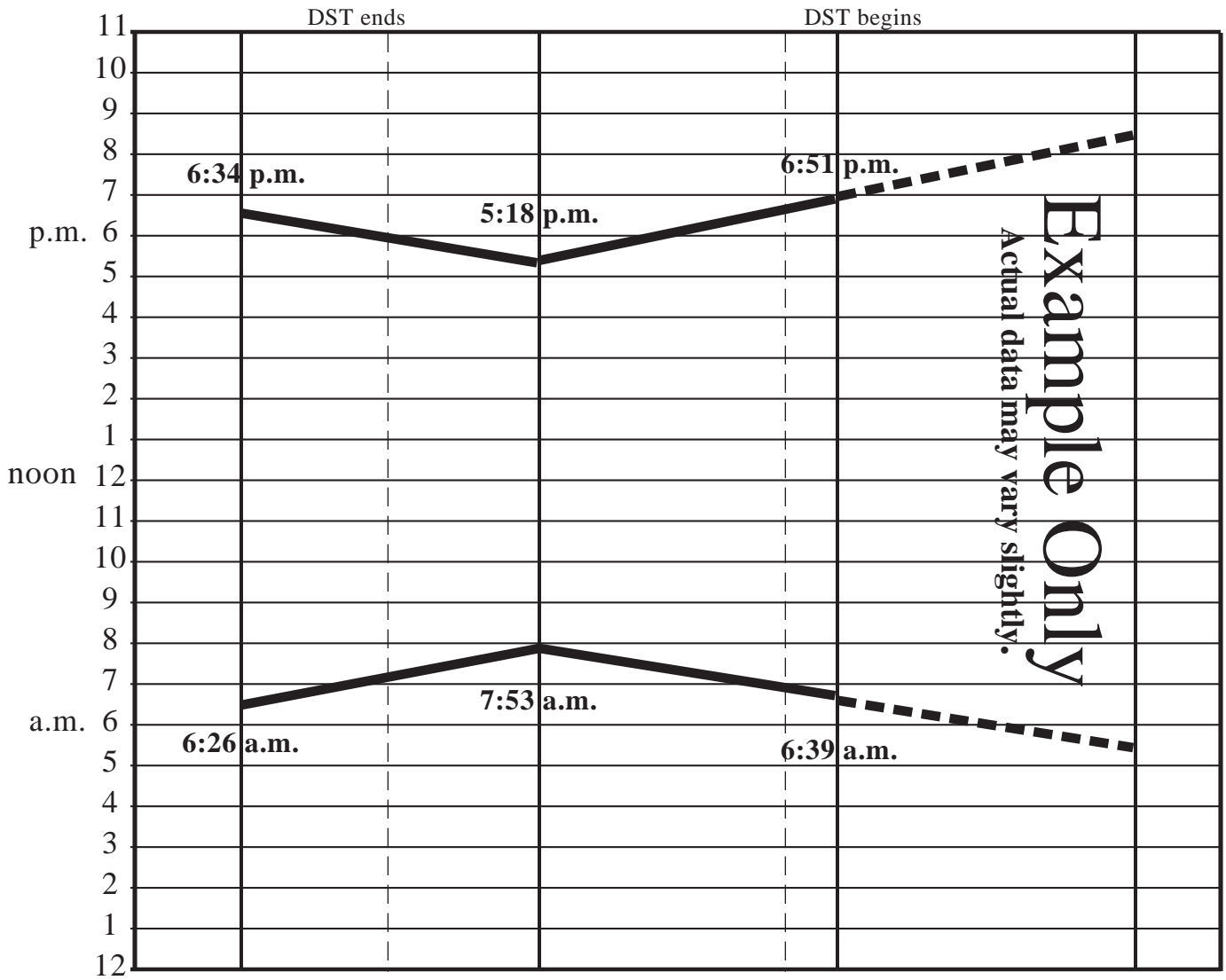Name _____   Date_____

The Reasons for the Seasons
Sunrise/Sunset Data Sheet

Directions:

1) Plot Standard sunrise data for fall, winter, and spring to make a line graph.
2) Plot Standard sunset data for fall, winter, and spring to make another graph.
3) Calculate hours of daylight for fall, winter, and spring.
4) Predict the hours of daylight for summer by continuing the graph using a ruler.
5) Challenge! Adjust sunrise and sunset times to account for Daylight Savings Time (DST). Note: The dashed lines show DST points.

Example Only
Actual data may vary slightly.

DST ends   DST begins

6:34 p.m.   6:51 p.m.
                  5:18 p.m.

7:53 a.m.
6:26 a.m.   6:39 a.m.

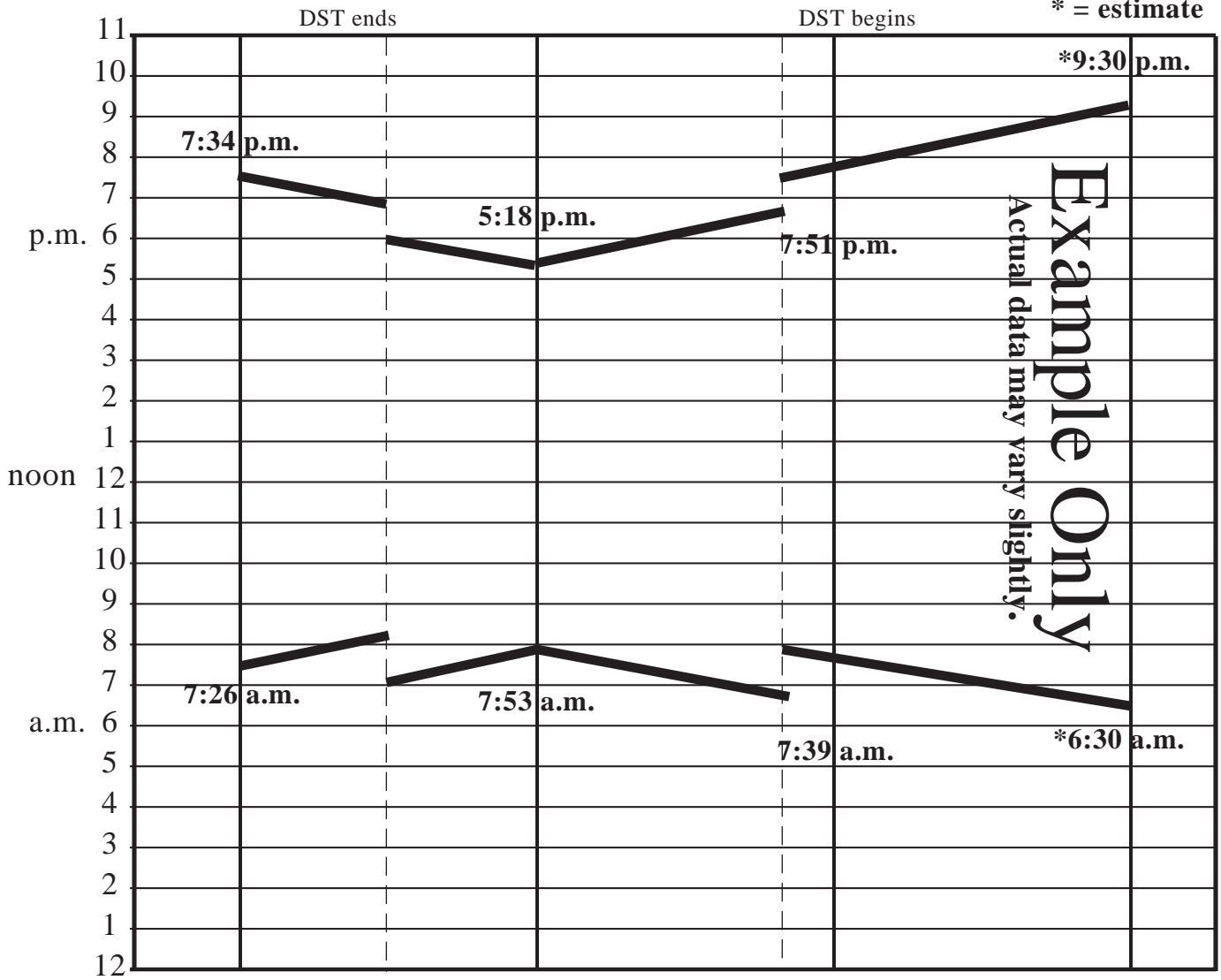| fall	winter	spring	summer
12 hours	**9** hours	**12** hours	**15** hours
8 minutes	**25** minutes	**12** minutes	____ minutes

Name _____   Date_____

The Reasons for the Seasons
Sunrise/Sunset Data Sheet

Teacher Pages

Directions:
  1) Plot Standard sunrise data for fall, winter, and spring to make a line graph.
  2) Plot Standard sunset data for fall, winter, and spring to make another graph.
  3) Calculate hours of daylight for fall, winter, and spring.
  4) Predict the hours of daylight for summer by continuing the graph using a ruler.
  5) Challenge! Adjust sunrise and sunset times to account for Daylight Savings Time (DST). Note: The dashed lines show DST points.

* = estimate

DST ends   DST begins

*9:30 p.m.

7:34 p.m.

5:18 p.m.

7:51 p.m.

Example Only
Actual data may vary slightly.

7:26 a.m.

7:53 a.m.

7:39 a.m.

*6:30 a.m.

fall   winter   spring   summer

fall	winter	spring	summer
12 hours	**9** hours	**12** hours	***15** hours
8 minutes	**25** minutes	**12** minutes	____ minutes

* = estimate