Students will be able to complete the following problems after watching the video:

Draw an additional conclusion from the following two statements, and state which law was used:
(Law of Syllogism or Law of Detachment)

If the heat wave continues, then more AC used.
If more AC used, then energy costs higher.

Conclusion: _______________________________________________________
Law used:   _____________________________

If 2 $\angle$'s are complementary, then they sum to 90°.
If angles sum to 90°, then both angles are acute.

Conclusion: _______________________________________________________
Law used:   _____________________________

If the heat wave continues, then more AC used.

- The heat wave continues. Thus? _____________________
- More AC used. Thus? _________________

If I live in Los Angeles, then I live in California.

- I live in Los Angeles. Thus? _________________
- Suzie lives in California. Thus? _________________

If I am in the 10th grade, I am in high school.

- Mr. Man is in the 10th grade. Thus? _________________
- Miss Lady is in high school. Thus? _________________