

Booklet 2  
**Limit Restaurant**

**Do Now** | Watch <https://www.youtube.com/watch?v=jUEkpdnzehU>

Isaac wants to order a few burgers from McDonalds, but a certain tax is standing in his way: 10 more dollars for more than 4 burgers! Can we illustrate this dastardly situation with a graph?

**Solution** | <https://www.youtube.com/watch?v=d0v3svv72QM>

**Big Idea** | Watch <https://www.youtube.com/watch?v=5Emz4WtSxAU>

Learn the 3 pivotal types of ways limits cannot exist, then identify all the ways limits cannot exist in the picture shown.

**Solution** | [https://www.youtube.com/watch?v=5X89zoCbR\\_8](https://www.youtube.com/watch?v=5X89zoCbR_8)

**Exit Slip** | Watch <https://www.youtube.com/watch?v=71klhGZqHfM>

A linear function, or is it? This order at White Castle may look innocent, but it's deeper than you think...

**Solution** | <https://www.youtube.com/watch?v=y3pgEbfl8E>

**Homework** | Watch [https://www.youtube.com/watch?v=xbSvZs6\\_Fbk](https://www.youtube.com/watch?v=xbSvZs6_Fbk)

Mmm, crispy chicken burgers. But what could squelch that deliciousness? Ah, a fresh case of calculus. How can we solve this fallacy?

**Solution** | <https://www.youtube.com/watch?v=mvhAoku9eGk>

The key will be found on the bottom of the website.