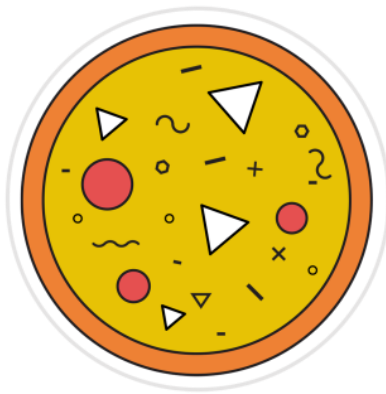# Activity 3 Answer.

Use your problem solving skills with fractions to solve this problem:

Tom eats **1/6** *of a pizza. Harry then ate some more. When Danny comes to eat some pizza, he finds that there is only* **3/15** *of the pizza left. Danny argues that Harry has eaten more than his third of the pizza. Is Danny correct?*

Danny is correct.

Tom ate 1/6 of the pizza which can be turned into **5/30** (common denominator for both 6 and 15) and when Danny went to eat some of the pizza there was **6/30** (3/15) left.

Adding these two fractions together:
5/30 + 6/30 = 11/30.

This means Harry ate **19/30** of the pizza which is almost two thirds of the pizza!