How Much Does A 100×100 In-N-Out Cheeseburger Cost?

In-N-Out ordinarily sells hamburgers, cheeseburgers, and Double-Doubles (two beef patties and two slices of cheese). While they don't advertise it, they have a secret menu which includes a burger where you can order as many extra beef patties and cheese slices as you like. The prices and nutrition information are not listed though. The most common orders are 3×3's and 4 by 4's that contain three and four layers of beef and cheese, respectively. However some people have ordered 20×20's (pictured above) and even a 100×100 (pictured below)!

Madison Public Schools
Adapted from Robert Kaplinsky https://robertkaplinsky.com/work/in-n-out-100-x-100/

What do you notice and wonder about the 100 x 100 burger?

I notice…..	I wonder…..

How much do you think a 100 x 100 burger would cost? Make an estimate. Show/ explain how you made your estimate.

What information do you need to solve this problem?

What is on a 100×100?

A 100 x 100 has a top and bottom bun, 100 beef patty and cheese layers and 1 set of toppings such as lettuce, tomato, onions or spread.

Here's the In-and-Out Burger Menu

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Calculate how much a 100 x 100 burger would cost. Show all your work and thinking to support your answer.

Now that you have solved the problem for a 100 x 100, can you write an equation that would work for any burger? How much money does a N x N cost?

Let’s keep going…..

How many calories would a 100 x 100 be? Make an estimate. Show/ explain how you made your estimate.

What information do you need to solve this problem?

What is on a 100×100?
A 100 x 100 has a top and bottom bun, 100 beef patty and cheese layers and 1 set of toppings such as lettuce, tomato, onions or spread.

	Serving Size (g)	Calories
Hamburger w/Onion	243	390
Cheeseburger w/Onion	268	480
Double-Double w/Onion	330	670

Calculate how many calories a 100 x 100 burger has. Show all your work and thinking to support your answer.

Now that you have solved the problem for how many calories a 100 x 100 would have, can you write an equation that would work for any burger? How many calories does a N x N have?