

Pizza deals

Subway recently started selling square pizzas. I'm used to pizzas that are circular. I know a 15-inch circular pizza means that the pizza has a diameter of 15 inches and I just figured out that a 15-inch square pizza has a side length of 15 inches.

1. How does a square pizza compare in size to a circular pizza?



Subway's Flatizzas are 6-inch squares of pizza.

According to their ad you can get any two Flatizzas for \$5.00.

Sbarro's advertise that each of their slices is from 18-inch pizzas.

According to the ad, Sbarro's pizza cost \$2.00 per slice

I wonder which store I should buy my pizza from to get the most pizza for my money?

2. Take a guess first and explain how you came to your conclusion.

3. Now do some mathematics to calculate which pizza deal gives you the most pizza. Show your calculations below. (Assume that the pizzas are the same thickness.) (Also assume that both pizzas taste equally wonderful.)