

Name: _____

Are You Ready for a Challenge?

Luigi's Pizzeria is having a Pi Day lunch special where you can choose either (A) one 18" pizza or (B) two 12" pizzas for \$14.00. Use your math skills to determine which deal, A or B, gets you the most pizza.



Hint: You have to use the circle area formula to solve this problem: $A = \pi r^2$

My Answer: _____

Key: Option A is the Better Deal!

One 18" Pizza



$$A = 254.3 \text{ square inches}$$



Two 12" Pizzas



$$A = 226 \text{ square inches}$$