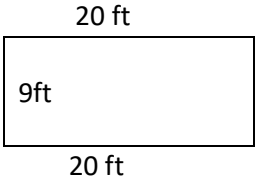
Option One: Would you Rather a bedroom with:

A) **a length of 20 and perimeter of 58**

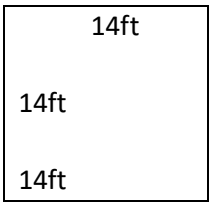
Or

B) **a length of 14 and a perimeter of 56**?



A) We know two of the lengths: 20 ft+ 20ft = 40 ft
We know the perimeter: 58ft. 58ft – 40ft = 18ft So divide that by the 2 (end widths): 18ft ÷ 2ft = 9ft
So, our bedroom is 20 feet long and 9 feet wide. Find the area: L x W = 20 x 9 = 180 square ft.

B) We know that the two lengths of this room are 14ft: 14ft + 14ft = 28ft
We know the perimeter is 56ft. 56ft – 28ft = 28ft. Divide the 28 ft by 2 and you have 14 ft.
So, this bedroom is a 14 ft, by 14 ft square. Find the area: L x W = 14 x 14 = 194 square ft.



Justify why one would be more desirable for YOU. Why would you pick one over the other? It could be shape and organization of your belongings, or it could have to do with the greater floor space in the room. Maybe you share a room and a long room works better to split in half...

Option Two: Would you Rather have a dollar for every foot in a mile, or for every day you have been alive?

We know that 1 mile = 5280 ft (you will need to have researched how many feet per mile)
If you use the link provided in the question and enter your birthday, you can easily find the number of days that you have been alive (http://www.beatcanvas.com/daysalive.asp). Is this number greater than or less than the $5280 you could earn for $1 x 5280 = $5280?

For example: March 15, 2008 you would be 4429 days old. So the $ per foot is a better deal at $5280.

When is it a better deal to take the dollar per day of living? You need to be born before 11/07/2005 (give or take a day or two, solution was calculated on April 27th2020) - so you will get there when you are about 14 and a half!