

How Many Different Burgers are There?

This print-out might help you as you work through the “Create Your Own” assignment on Blackboard

1. _____ How many choices are there for step one (“Let’s Start Cookin”)?
2. _____ How many choices are there for Step 2?
3. _____ How many ways can you put cheese on your burger (Step 3)?

HINT: Don’t forget the “no cheese” option or the more than one cheese option. You can think of each decision as a “yes/no”. For example, Pepper Jack: 2 choices (yes or no), American 2 choices (yes or no), Cheddar: 2 choices (yes or no), and Parmesan 2 choices (yes or no).

4. _____ How many ways are there to put toppings on your burger (Step 4)? *HINT: This is a similar process for determining the number of ways you can put cheese on the burger.*
5. _____ How many ways are there to add sauces (step 5)?
6. _____ How many different burgers can you make from this menu? (multiply your answers from questions 1 – 5)
7. _____ If each burger costs \$5, how much would it cost to try each one?
8. (_____ years, _____ months and _____ days) If you tried a new burger each day, how long (years, months, days) would it take you?