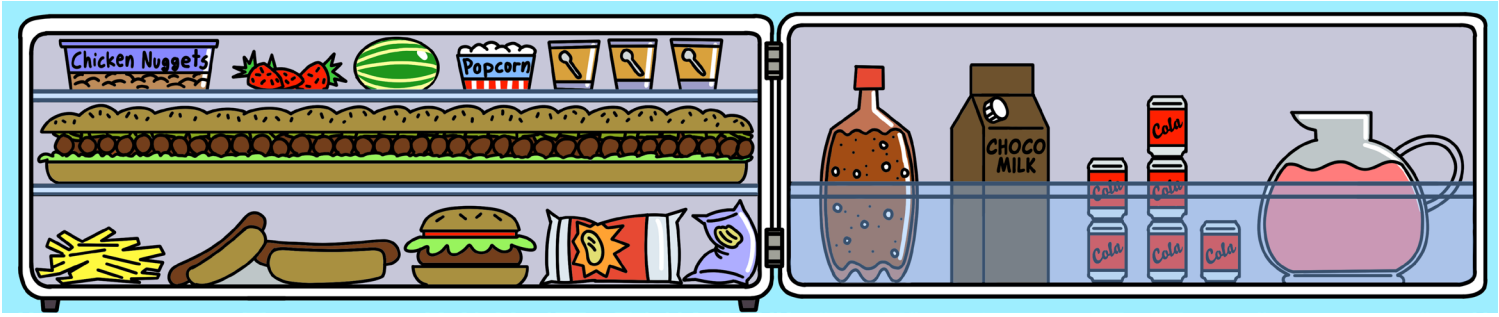
Name _____ Date _____

Secret Snack Fridge

_____ and _____ found a refrigerator in the janitor closet. They got a great idea: hide snacks in there!
1st student 2nd student

Of course, everyone will want to store their favorites too – like _____'s _____ ice cream and
3rd student food

_____'s Italian _____ subs. Will there be enough room for it all?
4th student another food



1. The fridge has 4 shelves, each 30 inches by 9 inches. How much area does each shelf have?

_____

2. _____ wants to throw in a big tray of _____- topped brownies. The tray is 20 inches by
1st student another food
8 inches. How much shelf space does the tray need?

_____

3. Meanwhile, _____ has 6 PB&J sandwiches. Each one is a 5-inch by 4-inch rectangle. How much
2nd student
space will these sandwiches cover if they're laid side by side instead of stacked?

_____

4. _____ does not want to share, and wraps a chain and lock around the fridge. The outside of the
3rd student
fridge is 40 inches wide and 33 inches deep. What's the minimum length chain needed to wrap around the fridge?

_____

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