Management Challenge - How might we determine the option that provides the best results?
Focus - Analyzing choices to determine the strongest answer.

Name:_____________________________

Cindy and her team at Rocky Mountain Chocolate Factory have been asked to produce a specific number of caramels in exactly one hour. She does not want to make too many and waste the ingredients that made the product. However, she also needs to make sure she makes enough to send the customer the 6,000 caramels they ordered. She has a choice to make in order to maximize her profit.

Try to determine what the problem is asking and how you might find an entry point to start. Remember! Each row has 7 caramels. Rows of seven caramels can drop off the conveyor belt every three seconds OR every four seconds. Which option is better? Why?

Cindy thinks about how each hour has 60 minutes and each minute has 60 seconds. Her goal is to produce close to 6,000 caramels in one hour. How might we help her make the best choice between her two options?

Drawing it out and recording important numbers might help you enter this problem.

Then you might choose to multiply, add, divide or subtract to push your thinking further.

Finally, explain which option is best for Cindy.

And don’t forget, YOU are awesome. : )

Use extra paper as needed. Can you try each of the following?
1. Draw it out.  2. Record equations.  3. Explain your process in words.
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