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A fruit salad consists of blueberries, raspberries, grapes, and cherries. The fruit salad has a total of 280 pieces of fruit. There are twice as many raspberries as blueberries, three times as many grapes as cherries, and four times as many cherries as raspberries. How many cherries are there in the fruit salad?

- How does going through this exercise help you to better teach the concept of Math Proofs?
 - This exercise greatly helped me to understand the concept of Math Proofs. Without this exercise, I would not have as good of a grasp of exactly what a math proof is. I learned that Math Proofs can be as simple as showing the steps to solving the math problem. Math Proofs can also be as complicated as writing multiple paragraphs as means to justify the solution.
- What struggles did you encounter?
 - In this example, I struggled with the actual problem itself. I found it difficult to solve. Another area that I struggled with is efficiently conveying my thoughts in the proof. There were different steps that required different portions of information that made it hard to show my work.
- How can you help your students overcome the struggles?
 - I will help my students overcome these struggles. I will start by ensuring the students feel comfortable solving the math on their own. This will come from starting the lesson with problems that are like the one that will be solved. Breaking the problem down into steps really helped me. Ensuring the students are working through the problem will help them convey their thoughts. Sometimes, the students will be required to write words next to their steps to correctly get their thoughts across to the reader.