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Math is very important in robotics, and I would like to show other people about how math could get involved with Vex robotics. In these pictures, It shows the length and diameter of the plastic bushing. If we add more length for the bushing, we could use it for various purposes. If there was a bushing for many other sizes, it would be even easier to build a robot. One of the other reasons why it would be better is that bushings can be used in many ways in building a robot. For example, it could be used between shafts, which would make it more efficient. The first one with just one kind of bushing represents my desire and by making it darker, it shows negative feelings. But the second picture with many other kinds of bushings represents white, which means positive ideas. Therefore, pictures of different kinds of bushings would make my robot a lot more efficient and would let me use different thickness of shafts. Sometimes, making my robot, I feel like it would be nicer if we had more variety of parts, so our robots would be even more creative. But where would we use it? The answer is simple. During the 'Spin Up' competition, we can use a roller to turn the side-rollers around to get 10 points each. The rollers give us many points, so I thought it would be good to improve our robots. Then, I found out that the thin shafts are easily bendable, and it could damage the motors. So, we planned to change the thin shafts to a thicker one, and I thought it would be nice to have bushings for the thicker shafts. The different sizes of bushings are just one of my ideas, and it would be better for my team and me to get these kinds of parts.

