1. **What is our most popular product?**

Bikes are the most popular product so far in terms of sales with the data set we’re working with; Fidget Spinners being at second place and Desks at last place.

Table

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1. **How can we focus our resources to increase production of our most popular product?**

We can buy more rubber as it is the most used material in producing more bikes. This material is mostly used for creating bikes, and not as used on the other two products we are currently producing.

Table

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1. **If we refocus our resources, how much will we be able to increase production?**

In order to calculate the increase of production that we’d achieve if we were to solely focus production on our most popular product, we would have to add up the amount all the resources we use on other products, and then divide it by the units required to produce a bike with respect to the material required to produce one bike.

Graphical user interface, text, application, Teams

Description automatically generated

Then divide this by the resource cost to create one bike to calculate the total bikes produced with respect to the material.

A picture containing chart

Description automatically generated

We can make a total of 64.5 bikes with the amount of rubber we have from refocusing our materials. This is around a 7% increase in production.