There was a homework given to bring materials to find out price of rice production in Town A.

Did you bring your homework today?

Homework about rice production, right?

For Town A, I found a pie chart of Classified agriculture production with its percentage

In 1970 the production of rice was 60% and 40% in 2000.

That graph is incorrect.

I brought this bar graph

Please look at the years 1970 and 2000. It's increasing.

Both of you came up with good graphs, but answers were different.

One cannot tell how much rice is produced just by looking at each graph.

What should we do to find out how much rice is produced?

I think the bar graph is incorrect.

The bar graph is of agriculture production price of Town A.

The pie chart shows the rice production in 1970 was 60% and 40% in 2000.

But the pie chart is about percentage.

Proportions cannot be answered unless the overall amount is known.

You can find the answer by using the total amount in the bar graph and the percentage of rice in the pie chart.

Using the total amount of agricultural production and the percentage of rice in each year, what kind of equation you can use to find the answer?

The production value of rice in 1970 was 2 billion yen.

60% of 2 billion yen, so 2 billion yen x 0.6 = 1.2 billion yen

The production value of rice in 2000 was 5 billion yen.

40% of 5 billion yen, so 5 billion yen x 0.4 = 2 billion yen

When I saw the pie chart, I thought it was decreasing, but it turned out I was wrong.

The good thing about the graph is that it is easy to see which is more.

It is also easy to see if the number is increasing, decreasing or changing.

However, some questions, such as this one, require the use of two graphs to find the answer.

What does the problem say?

And what kind of materials should be used?

Please make sure you would be able to make a judgement.