Alberta's consumer carbon tax kicked in January 1, 2017. pricing carbon emissions at $20 per tonne. That rose on January 1, 2018, to $30 per tonne. In 2007, Alberta began collecting funds from industrial emitters who released more than 100000 tonnes of greenhouse gases in a year. thoes fees go to the Climate Change and Emissions Management Fund (CCEMF). Here is how much revenue those two taxes have generated in the last two fiscal years, along with the forecast for 2018-19. (Source: Edmonton Journal, March 5, 2019)

2016-17
Carbon tax revenue:	$250 million
CCEMF revenue:	$163 million
Total:	$413 million

2017-18
Carbon tax revenue:	$1.05 billion
CCEMF revenue:	$251 million
Total:	$1.23 billion

2018-19
Carbon tax revenue:	$1.3 billion
CCEMF revenue:	$485 million
Total:	$1.785 billion

a. Determine the linear regression function that models the total carbon tax revenue as a function of year, rounding parameters to the nearest hundreth. Sketch the graph, labelling axes with descriptions and units.

b. Using the regression function, estimate the total carbon tax revenue, to the nearest dollar, for year 2020.