

1. Keoni plans to make metal bracelets to sell. His start-up cost is \$150 for the machine to make the bracelets. The supplies for each individual bracelet cost \$2. The function rule for this situation is $C(b) = 150 + 2b$, where $C(b)$ is the total cost of making b number of bracelets.
 - a. Find the value of $C(20)$ with units.
 - b. What does $C(20)$ represent in context?
 - c. Find the value of $C(100)$ with units.
 - d. What does $C(100)$ represent in context?
 - e. Find the value of $C(500)$ with units.
 - f. What does $C(500)$ represent in context?
 - g. If Keoni only has \$450 to make his first batch of bracelets, how many bracelets can he make? (Hint: is \$450 the b , which represents the number of bracelets? Or is \$450 the $C(b)$, which represents the total cost of making the bracelets?)
 - h. Keoni didn't have any start up money of his own, so his dad gave him \$1000 to get started. How many bracelets could Keoni make with \$1000?