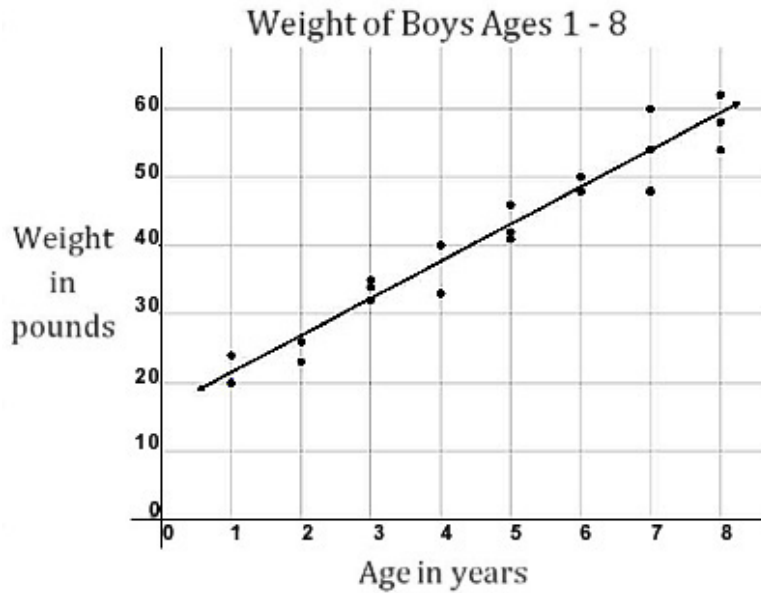


Below is the scatter plot and line of best fit for a data set of the weight of several boys and their ages.



1. Find the symbolic representation for the above line of best fit.
2. What does the slope represent in context?
3. Use your symbolic representation to estimate how old a boy would have to be to weigh 80 pounds.