Name: \_\_\_\_\_\_\_\_ Class: \_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_

**Analyzing a Histogram**

SALARIES


*Answer each question below using the histogram. Assume that each bar that is not on a multiple of 100 is in the middle.*

* How many employees have a salary of $33-43 thousand dollars?
* How many employees make $55 thousand dollars or more?
* How many employees make between $33 and $76 thousand dollars?
* In what interval would the median salary fall?
* What percent of all the employees make less than $33 thousand dollars?

**Analyzing a Histogram- SOLUTIONS**

SALARIES


*Answer each question below using the histogram. Assume that each bar that is not on a multiple of 100 is in the middle.*

* How many employees have a salary of $33-43 thousand dollars?

400 Employees

* How many employees make $55 thousand dollars or more?

450 + 250 + 350 + 100 = 1,150 Employees

* How many employees make between $33 and $76 thousand dollars?

400 + 550 + 450 + 250 = 1,650 Employees

* In what interval would the median salary fall?

There are 2,700 total employees, so that median employee is around 1,350. This employee would fall in the 44 – 54 interval.

* What percent of all the employees make less than $33 thousand dollars?

Total Employees = 2,700. 600 make less than $33 thousand. 600/2,700= 22.2%