Measure of Position for Ungrouped Data

Direction: Solve the problem below. Supply the missing word or value on the blank to complete the thought of the sentence or equation.

The following set of data shows the time (in seconds) of 36 Grade 10 students in a 100-m dash. Who are the slowest 8%?

Name	Time	Name	Time	Name	Time
Paulo	15.8	Cody	16.7	Mel	13.2
Teddy	16.4	Zy	15.5	Mark	11.4
Patricia	14.2	Gio	13.4	Rhianna	10.3
Rod	16.4	Aly	12.5	Daniel	16.5
Alex	13.5	Gabbie	20.4	Chase	13.4
Jaimie	15.8	Rommel	19.5	Cheryl	11.2
Eliza	14.0	Will	12.1	Jam	15.2
Jopay	10.1	CJ	15.3	Miggy	16.4
Joseph	18.5	Bobbie	10.8	Joy	13.5
Zach	16.6	Christine	17.3	Anna	14.8
Rochelle	11.5	Cheche	15.4	Jonel	12.1
Jean	13.8	Willie	12.8	London	16.5

Solution:
In this problem, we have to determine the slowest 8% runners of the batch according to their running time. Note that in this problem, the _____ their score is, the _____ they have finished the 100-m dash. Thus, the slowest 8% are the _____ 8%.

Use the formula $\frac{1}{100}(n+1) = \frac{\square}{100}(\square + 1)$

$= \square$

Thus, _____ is the _____ observation.

The slowest 8% scores are the scores higher than or equal to _____ . Thus, the following scores belong to the slowest 8%: _____ , _____ , and _____ .

The runners that belong to the slowest 8% are _____ , _____ , and _____ .

LIVEWORKSHEETS