

NAME \_\_\_\_\_

QUARTER \_\_\_\_\_

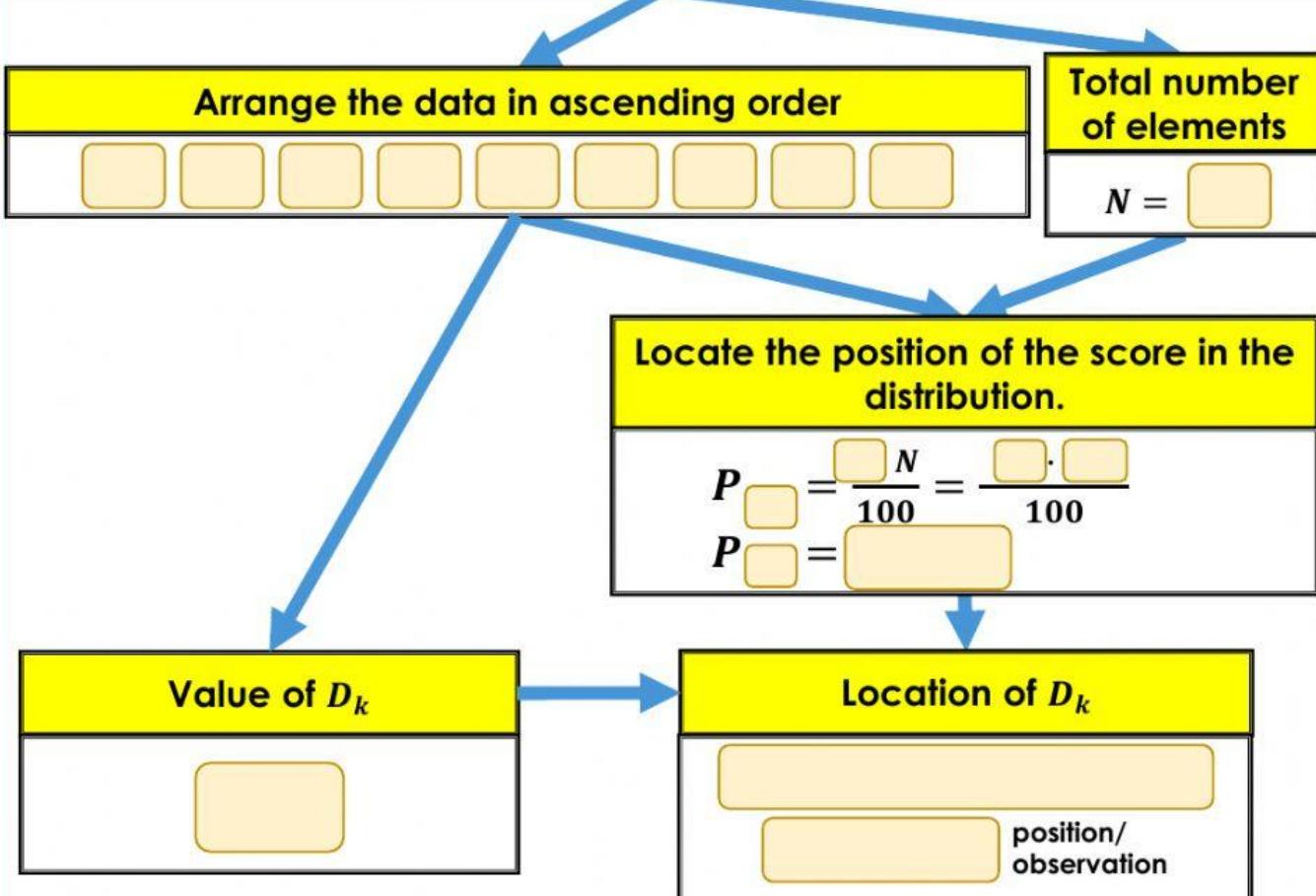
GRADE &amp; SECTION \_\_\_\_\_

DATE \_\_\_\_\_

## Activity: Percentile

Find the indicated percentile. Fill-up the Math-Breaker Map as guide in coming up with conclusion.

The following are scores of nine students in their 40-item quiz. Find the 70th percentile: 34 23 15 27 36 21 20 13 33



### INTERPRETATION:

The  $\boxed{7}$  percentile is  $\boxed{20}$ .

Thus, we conclude that  $\boxed{7}$ % of the 9 students scored less than  $\boxed{20}$  points in their 40-item quiz.

Moreover,  $\boxed{3}$ % of the 9 students scored more than  $\boxed{20}$  points in their 40-item quiz.

Compute for the 85th percentile. The weights (in kg) of the students in a class are the following:

69 70 75 66 83 88 66 63 61 68 73 57 52 58 88

Arrange the data in ascending order

Total number of elements

$N =$

Locate the position of the score in the distribution.

$$P_k = \frac{N}{100} = \frac{\square \cdot \square}{100}$$

$$P_k = \square$$

Value of  $D_k$

Location of  $D_k$

position/observation

### INTERPRETATION:

The  percentile is .

Thus, we conclude that  % of the 15 students weighs less than  kg.

Moreover,  % of the 15 students weighs greater than  kg.

How many attempts?   
How well did you do?



Need help!



Just OK!



Splendid

I FEEL THAT...