

NAME

QUARTER

GRADE &amp; SECTION

DATE

Activity: **Decile**

Find the indicated decile. 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 second decile: 34 23 15 27 36 21 20 13 33

Arrange the data in ascending order

        

Total number of elements

$N =$

Locate the position of the score in the distribution.

$$D_{\square} = \frac{\square N}{10} = \frac{\square \cdot \square}{10}$$

$$D_{\square} = \square$$

Value of  $D_k$

Location of  $D_k$

position/  
observation

**INTERPRETATION:**

The   decile is .

Thus, we conclude that % of the 9 students scored less than  points in their 40-item quiz.

Moreover, % of the 9 students scored more than  points in their 40-item quiz.

Compute for the 6th decile 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.

$$D_{\text{ }} = \frac{\text{ } N}{10} = \frac{\text{ } \cdot \text{ }}{10}$$

$$D_{\text{ }} = \text{ }$$

Value of  $D_k$

Location of  $D_k$

position/  
observation

### INTERPRETATION:

The   decile 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 SHOULD...