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Practice C: Interprete Last Example

Direction: In your previous Learning Activity Sheet on calculating measures of position. Interpret the computed value of the measures of position from the illustrative examples 1 and 6.

A. Illustrative Example 1: The following are the number of students of 15 classes selected at random. 40, 39, 42, 48, 45, 46, 43, 42, 41, 40, 38, 42, and 47.

1. What is the 5th decile? D_5 = 42
Interpretation: 50% of the classes has number of students less than or equal to 42.
50% of the classes has number of students greater than 42.

2. What is the 75th decile? P_{75} = 46
Interpretation: 75% of the classes has number of students less than or equal to 46.
25% of the classes has number of students greater than 46.

B. Illustrative Example 5: Given the frequency distribution table on Ages of 36 COVID 19 Survivors in Maalaga Hospital, August 2020, find the (A) 2nd decile and (B) 8th decile.

3. Find the 2nd decile. D_2 = 22
Interpretation: 20% of the COVID 19 survivors has ages less than or equal to 22.
80% of the COVID 19 survivors has ages greater than to 22.

4. Find the 8th decile. D_8 = 36
Interpretation: 80% of the COVID 19 survivors has ages less than or equal to 36.
20% of the COVID 19 survivors has ages greater than to 36.