**9 AIL Targeted Teaching Mathematics - Takeaway**

**Mean Median and Mode Revision**

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Advisory \_\_\_\_\_\_

**T2 Teaching Focus**

1. Here is a data set of daily minimum temperatures at Mount Lofty in the month of July 2005:

3, 1, 0, 0, 0, 0, 2, 0, 0, 3, 0, 0, 0, 7, 1, 1, 0, 3, 8, 0, 0, 7, 6, 3, 0, 3, 1, 0, 0, 2

a) Sort the data in ***ascending*** order (smallest to largest)

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b) Create a ***Frequency Table*** from the sorted data

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| --- | --- |
| Temperature (°C) | Frequency |
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1. Find the ***mean*** of the data set.

d) Find the ***median*** of the data set.

e) Find the ***mode*** of the data set.

f) Are all three values the same number? Why/ Why not?

2. Using the data in the frequency table below find the: ***mean***, ***median*** and ***mode*** of the length of the student’s feet in a Year 9 class.

|  |  |
| --- | --- |
| Length (cm) | Frequency |
| 21 | 1 |
| 22 | 3 |
| 23 | 3 |
| 24 | 4 |
| 25 | 6 |
| 26 | 4 |
| 27 | 3 |
| 28 | 2 |
| 29 | 1 |
| 30 | 1 |

***Mean*** =

***Median***=

***Mode***=

Assessment: This task is an Assessment for learning task with an on balance judgement out of 20.