Name: _____ Period: _____ Date: _____

Mean, Median and Mode Bell Work

Find the mean, median and mode of the following data's.

A. 1, 1, 2, 1, 3, 2, 2, and 3

1. Mean

2. Median

3. Mode

B.   80, 80, 81, 82, 83, and 80

4. Mean

5. Median

6. Mode

Find the average grade of Tanya given her grades in the following subject.

Subject	Number of Units	Grade	Grade × Units
Math	5	94	(7)
English	3	97	(8)
Science	4	88	(9)

10. Weighted average grade.

Mean, Median and Mode Bell Work

Answers:

Find the mean, median and mode of the following data's.

A. 1, 1, 2, 1, 3, 2, 2, and 3

1. Mean
$$\bar{x} = \frac{1 + 1 + 2 + 1 + 3 + 2 + 2 + 3}{8}$$

$$\bar{x} = \frac{15}{8} = \text{1.875}$$

2. Median
1, 1, 1, 2, 2, 2, 3
Median is 2

3. Mode
1, 1, 1, 2, 2, 2, 3
Mode are 1 and 2

B. 80, 80, 81, 82, 83, and 80

4. Mean
$$\bar{x} = \frac{80 + 80 + 81 + 82 + 83 + 80}{6}$$

$$\bar{x} = \frac{486}{6} = \text{81}$$

5. Median
80, 80, 80, 81, 82, 83
Median is 80.5

6. Mode
80, 80, 80, 81, 82, 83
Mode is 80

Find the average grade of Tanya given her grades in the following subject.

Subject	Number of Units	Grade	Grade × Units
Math	5	94	(7) 470
English	3	97	(8) 291
Science	4	88	(9) 352

10. Weighted average grade.

$$\bar{x} = \frac{470 + 291 + 352}{12}$$

$$\bar{x} = \frac{1113}{12} = \text{92.75}$$

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