

Mean, Median and Mode Assignment

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

A. 5, 5, 4, 2, 4, 1, 3, 2, 1,5 and 6

1. Mean

2. Median

3. Mode

C. 20, 21, 22, 23, 21, 22, 23, 26, 24 and 20

7. Mean

8. Median

9. Mode

B. 12,12,13,14,15,16,17,17,18,19,20 and 18

4. Mean

5. Median

6. Mode

D. 18, 18, 15, 21, 23, 22, 25, 26,21 and 31

10. Mean

11. Median

12. Mode

Name: _____ Period: _____ Date: _____

Mean, Median and Mode Assignment

Complete the table below.

Find the average income per month a hotdog stand.

Product	Price	Number of Pieces Sold	Sales per Product
Hotdog sticks	\$5	400	13.
Hotdog Sandwich	\$8	300	14.
Foot long	\$15	100	15.
Juices	\$5	500	16.
Soda	\$10	300	18.
total		17.	19.

20. Weighted Mean

Mean, Median and Mode Assignment

Answers:

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

A. 5, 5, 4, 2, 4, 1, 3, 2, 1, 5 and 6

1. Mean

$$\bar{x} = \frac{(5 + 5 + 4 + 2 + 4 + 1 + 3 + 2 + 1 + 5 + 6)}{11}$$

$$\bar{x} = \frac{(38)}{11} = 3.45$$

2. Median

1, 1, 2, 2, 3, 4, 4, 5, 5, 5, 6

Median is 4

3. Mode

1, 1, 2, 2, 3, 4, 4, 5, 5, 5, 6

Mode is 5

C. 20, 21, 22, 23, 21, 22, 23, 26, 24 and 20

7. Mean

$$\bar{x} = \frac{(20 + 21 + 22 + 23 + 21 + 22 + 23 + 24 + 26 + 20)}{10}$$

$$\bar{x} = \frac{(223)}{10} = 22.2$$

8. Median

20, 20, 21, 21, 22, 22, 23, 23, 24, 26

Median is 22

9. Mode

20, 20, 21, 21, 22, 22, 23, 23, 24, 26

Mode are 20, 21, 22 and 23

B. 12, 12, 13, 14, 15, 16, 17, 17, 18, 19, 20 and 18

4. Mean

$$\bar{x} = \frac{(12 + 12 + 13 + 14 + 15 + 17 + 17 + 18 + 19 + 20 + 18)}{11}$$

$$\bar{x} = \frac{(175)}{11} = 15.91$$

5. Median

12, 12, 13, 14, 15, 16, 17, 17, 18, 18, 19, 20

Median is 16

6. Mode

12, 12, 13, 14, 15, 16, 17, 17, 18, 18, 19, 20

Mode are 12, 17 and 18

D. 18, 18, 15, 21, 23, 22, 25, 26, 21 and 31

10. Mean

$$\bar{x} = \frac{(18 + 18 + 15 + 21 + 23 + 22 + 25 + 26 + 21 + 31)}{10}$$

$$\bar{x} = \frac{(220)}{10} = 22$$

11. Median

15, 18, 18, 21, 21, 22, 23, 25, 26, 31

$$\text{Median is } \bar{x} = \frac{21+22}{2} = 21.5$$

12. Mode

15, 18, 18, 21, 21, 22, 23, 25, 26, 31

Mode are 18 and 21

Name: _____ Period: _____ Date: _____

Mean, Median and Mode Assignment

Complete the table below.

Find the average sales of a hotdog stand.

Product	Price	Number of Pieces Sold	Sales per Product
Hotdog sticks	\$5	400	13. \$2000
Hotdog Sandwich	\$8	300	14. \$2400
Foot long	\$15	100	15. \$1500
Juices	\$5	500	16. \$2500
Soda	\$10	300	18. \$3000
total		17. 1600	19. \$11400

20. Weighted Mean

$$\bar{x} = \frac{\$11400}{1600} = \$7.125$$