

Exploring the World of Math

Name: _____ Date: _____

Mean, Median and Mode

The Calorie Counter lists the top 30 fast food items with the highest calories.

1155	1165	1345	1165	1562	1255	1155	1235	1295	1325
1325	1155	1175	1245	1325	1185	1545	1245	1165	1195
1155	1213	1705	1315	1255	1165	1205	1445	1275	1255

1. Order the data
2. What is the range?
3. What is the mean, median and mode
4. What is the percentage of fast food items with 1400 or higher calories?
5. What is the percentage of fast food items on the list with 1300 or lower calories?

We have collected data on our averages after two weeks in the history class. There are 30 people in the class. Order the data from smallest to largest. Find the mean, median, mode and range for the data.

53	54	94	69	69	55	70	92	67	82
66	39	67	52	94	70	88	70	85	82
49	42	47	72	95	80	95	95	95	62

6. Order the data
7. What is the range?
8. What is the mean, median and mode?

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The following data is an estimated amount that is being spent on Christmas per person.

\$ 225	\$ 125	\$ 375	\$ 625	\$ 850	\$ 545	\$ 175	\$ 625	\$ 275	\$ 385
\$ 675	\$ 225	\$ 325	\$ 100	\$ 925	\$ 775	\$ 525	\$ 125	\$ 450	\$ 425
\$ 200	\$ 280	\$ 330	\$ 475	\$ 150	\$ 795	\$ 525	\$ 150	\$ 375	\$ 575

9. Order the data

10. What is the range?

11. What is the mean, median and mode?

12. What is the percentage of fast food items with 1400 or higher calories?

We gave a 24-question statistics quiz on Monday to 30 students. The table below shows the results. Create a frequency table and a bar chart for the data.

22	16	13	19	22	15	18	24	21	18
10	11	12	13	14	15	17	18	14	10
17	20	22	13	11	23	23	23	18	13

13. Order the data

14. What is the range?

15. What is the mean, median and mode?

16. What is the percentage of individuals that scored 20 and above?

17. What is the percentage of individuals that scored 15 and below?