

Assignment

Date _____ Period _____

Find the mode, median, and mean for each data set.

1) Games per World Series

6 4 4 6 5 5 5 7
 4 7 7 6 7 6 4 7

2) Minutes to Run 5km

34.1 26.8 32 35.8 30
 37.6 35.7 30.8 34 26.3
 40.7 35.5 38.4 32 33.1

3)

Sales Tax

State	Percent
Pennsylvania	6
Montana	0
Utah	4.7
Texas	6.25
Tennessee	7

State	Percent
Alabama	4
Hawaii	4
Ohio	5.75
Wisconsin	5

State	Percent
Kentucky	6
Minnesota	6.875
District of Columbia	5.75
Maryland	6

State	Percent
Wyoming	4
Florida	6
Massachusetts	6.25
Oklahoma	4.5

4) Mens Heights (Inches)

70 73 64 71 76 71 71
 66 69 74 70 72 72 76
 67 78

5)

Age At Inauguration

President	Age
Bill Clinton	46
George Washington	57
Warren G Harding	55
Millard Fillmore	50

President	Age
George H W Bush	64
Jimmy Carter	52
Rutherford B Hayes	54
Zachary Taylor	64

President	Age
Harry S Truman	60
James K Polk	49
Herbert Hoover	54
Gerald Ford	61

President	Age
Andrew Jackson	61
James Madison	57
Martin Van Buren	54

6)

Life Expectancy

State	Years
Ohio	81
Kentucky	74.7
New Hampshire	80.1
Indiana	81.3

State	Years
Maryland	81
South Dakota	74.3
District of Columbia	77.9

State	Years
Alaska	74.9
Tennessee	77.9
Connecticut	82.7

State	Years
Kansas	78.6
Missouri	75.9
Montana	74.1

State	Years
Vermont	80.4
Maine	79.1
Oregon	82

7)	Shoe Size						8)	Games per World Series							
	9	9	6.5	7.5	11	7	11	6	5	6	5	5	7	6	7
	6	6.5	11	8.5	8.5	8.5	7	7	5	7	6	7	6	4	7
	8	6						7							

9) Basketball Tournament

School	Appearances	School	Appearances	School	Appearances
Weber State	15	Tufts	1	IUPUI	1
Robert Morris	8	Murray State	15	Eastern Michigan	4
Central Michigan	4	Memphis	20	Niagara	3
Long Beach State	6	North Carolina	46	Iowa	24
Georgia Southern	3	Butler	13	Mount Saint Mary's	4
Colgate	2				

10)	Mens Heights (Inches)						11)	# Words in Book Titles							
	68	73	70	66	70	72	71	2	3	2	2	5	4	2	4
	72	73	71	73	68	67	63	3	6	2	2	4	2	2	
	66														

12)	Annual Precipitation (Inches)					13)	Hits in a Round of Hacky Sack					
	14.4	65	54.4	44.4	55.2	8	12	13	3	15	5	3
	69.4	51.6	40.6	17.2	67	4	2	10	6	9	15	5
	59.2	17.2	44.2	32.2	61.4	12	13	3				

14)	Games per World Series							15)	Games per World Series							
	7	7	4	5	4	4	5	7	4	5	4	7	6	7	4	4
	7	4	6	7	7	6	7	4	7	7	6	4	5	5	7	7
	7								7							

16) Average Time to Maturity

Plant	Days	Plant	Days	Plant	Days	Plant	Days	Plant	Days
Red Potato	80	Peanut	120	Cantaloupe	80	Swiss Chard	60	Red Onion	95
Collards	62	Shallots	115	Carrots	70	Seedless Watermelon	85	Artichoke	95
Okra	55	Gooseneck Gourd	120	Broccoli	71	Beet	59	Pumpkin	120

17) Test Scores

53 50 34 50 54 45 40
 50 48 51 56 42 43 52
 48

18) Basketball Tournament

School	Appearances	School	Appearances	School	Appearances
Colgate	2	Louisiana Tech	5	Kentucky	54
Georgia Tech	16	Pepperdine	13	Hampton	5
Wright State	2	Texas State	2	Montana	10
Indiana State	4	Nicholls State	2	TCU	7
UMBC	1	St. Bonaventure	6	North Carolina A&T	10
Penn State	9	Washington	16		

19) Shoe Size

6 7 8.5 8.5 7.5 8
 7.5 8.5 8.5 8 6.5 8
 9 7 8

20) Goals in a Hockey Game

5 9 5 4 5 5 3 6
 8 6 7 7 5 5 3 3
 7

21) Sales Tax

State	Percent	State	Percent	State	Percent	State	Percent
Connecticut	6.35	Indiana	7	South Dakota	4	Maine	5.5
Michigan	6	Arkansas	6.5	Vermont	6	Arizona	5.6
Florida	6	Massachusetts	6.25	North Dakota	5	Oregon	0
Georgia	4	Virginia	4.3	Maryland	6	Colorado	2.9
Louisiana	4						

22) Hits in a Round of Hacky Sack

12 8 19 12 6 10 7
 12 2 6 6 7 5 6
 7

23) Hits in a Round of Hacky Sack

4 12 2 5 3 15 3
 9 15 8 3 8 10 12
 10 5 8

24) Hits in a Round of Hacky Sack

12 6 5 6 14 17 5 9
 3 3 2 3 6 6 7 6
 12

25) Minutes to Run 5km

34.9 28.3 32 37.3 27.2 28
 36.2 42.3 27.2 35.1 31.9 34
 44.7 26.6 27.5

26) Hits in a Round of Hacky Sack

12 4 5 14 8 6 6 5
 4 9 5 8 0 3 6 10
 3

27) Life Expectancy

State	Years	State	Years
Texas	80.3	Arizona	79.3
Alaska	74.9	Oregon	82
Oklahoma	78.2	West Virginia	74.1
Maryland	81	Wisconsin	79.8
Virginia	82.5	Nevada	81.3
New Jersey	82.4	Massachusetts	83.8
Indiana	81.3	Hawaii	79.7
Wyoming	78.4	South Dakota	74.3
Illinois	81.5		

28) Average Time to Maturity

Plant	Days	Plant	Days
Radicchio	90	Beefsteak Tomato	80
Cowpeas	80	Cheyenne Pepper	64
Mustard	37	Zucchini	50
Eggplant	74	Asparagus	730
Cucumber	58	Honeydew	80
Red Onion	95	Grape Tomato	65
Peanut	120	Roma II Bush Bean	53
Arugula	35	Gooseneck Gourd	120

29) Shoe Size

7.5 8.5 8.5 6.5 8.5 8.5
 9 8.5 10 7.5 7 7.5
 7 7.5 9 8

30) Games per World Series

5 4 6 6 7 6 4 5
 7 6 4 4 5 6 7 4
 7

Assignment

Date _____ Period _____

Find the mode, median, and mean for each data set.

1) Games per World Series

6 4 4 6 5 5 5 7
4 7 7 6 7 6 4 7

Mode = 7, Median = 6 and
Mean = 5.63

2) Minutes to Run 5km

34.1 26.8 32 35.8 30
37.6 35.7 30.8 34 26.3
40.7 35.5 38.4 32 33.1

Mode = 32, Median = 34 and
Mean = 33.52

3) Sales Tax

State	Percent	State	Percent	State	Percent	State	Percent
Pennsylvania	6	Alabama	4	Kentucky	6	Wyoming	4
Montana	0	Hawaii	4	Minnesota	6.875	Florida	6
Utah	4.7	Ohio	5.75	District of Columbia	5.75	Massachusetts	6.25
Texas	6.25	Wisconsin	5	Maryland	6	Oklahoma	4.5
Tennessee	7						

Mode = 6, Median = 5.75 and Mean = 5.18

4) Mens Heights (Inches)

70 73 64 71 76 71 71
66 69 74 70 72 72 76
67 78

Mode = 71, Median = 71 and
Mean = 71.25

5) Age At Inauguration

President	Age	President	Age	President	Age	President	Age
Bill Clinton	46	George H W Bush	64	Harry S Truman	60	Andrew Jackson	61
George Washington	57	Jimmy Carter	52	James K Polk	49	James Madison	57
Warren G Harding	55	Rutherford B Hayes	54	Herbert Hoover	54	Martin Van Buren	54
Millard Fillmore	50	Zachary Taylor	64	Gerald Ford	61		

Mode = 54, Median = 55 and Mean = 55.87

6) Life Expectancy

State	Years	State	Years	State	Years	State	Years	State	Years
Ohio	81	Maryland	81	Alaska	74.9	Kansas	78.6	Vermont	80.4
Kentucky	74.7	South Dakota	74.3	Tennessee	77.9	Missouri	75.9	Maine	79.1
New Hampshire	80.1	District of Columbia	77.9	Connecticut	82.7	Montana	74.1	Oregon	82
Indiana	81.3								

Mode = 77.9 and 81, Median = 78.85 and Mean = 78.49

7) Shoe Size

9 9 6.5 7.5 11 7 11
 6 6.5 11 8.5 8.5 8.5 7
 8 6

Mode = 8.5 and 11, Median = 8.25 and
 Mean = 8.19

8) Games per World Series

6 5 6 5 5 7 6 7
 7 5 7 6 7 6 4 7
 7

Mode = 7, Median = 6 and
 Mean = 6.06

9) Basketball Tournament

School	Appearances
Weber State	15
Robert Morris	8
Central Michigan	4
Long Beach State	6
Georgia Southern	3
Colgate	2

School	Appearances
Tufts	1
Murray State	15
Memphis	20
North Carolina	46
Butler	13

School	Appearances
IUPUI	1
Eastern Michigan	4
Niagara	3
Iowa	24
Mount Saint Mary's	4

Mode = 4, Median = 5 and Mean = 10.56

10) Mens Heights (Inches)

68 73 70 66 70 72 71
 72 73 71 73 68 67 63
 66

Mode = 73, Median = 70 and
 Mean = 69.53

11) # Words in Book Titles

2 3 2 2 5 4 2 4
 3 6 2 2 4 2 2

Mode = 2, Median = 2 and Mean = 3

12) Annual Precipitation (Inches)

14.4 65 54.4 44.4 55.2
 69.4 51.6 40.6 17.2 67
 59.2 17.2 44.2 32.2 61.4

Mode = 17.2, Median = 51.6 and
 Mean = 46.23

13) Hits in a Round of Hacky Sack

8 12 13 3 15 5 3
 4 2 10 6 9 15 5
 12 13 3

Mode = 3, Median = 8 and
 Mean = 8.12

14) Games per World Series

7 7 4 5 4 4 5 7
 7 4 6 7 7 6 7 4
 7

Mode = 7, Median = 6 and
 Mean = 5.76

15) Games per World Series

4 5 4 7 6 7 4 4
 7 7 6 4 5 5 7 7
 7

Mode = 7, Median = 6 and
 Mean = 5.65

16) Average Time to Maturity

Plant	Days
Red Potato	80
Collards	62
Okra	55

Plant	Days
Peanut	120
Shallots	115
Gooseneck Gourd	120

Plant	Days
Cantaloupe	80
Carrots	70
Broccoli	71

Plant	Days
Swiss Chard	60
Seedless Watermelon	85
Beet	59

Plant	Days
Red Onion	95
Artichoke	95
Pumpkin	120

Mode = 120, Median = 80 and Mean = 85.8

17) Test Scores

53 50 34 50 54 45 40
 50 48 51 56 42 43 52
 48

Mode = 50, Median = 50 and
 Mean = 47.73

18) Basketball Tournament

School	Appearances	School	Appearances	School	Appearances
Colgate	2	Louisiana Tech	5	Kentucky	54
Georgia Tech	16	Pepperdine	13	Hampton	5
Wright State	2	Texas State	2	Montana	10
Indiana State	4	Nicholls State	2	TCU	7
UMBC	1	St. Bonaventure	6	North Carolina A&T	10
Penn State	9	Washington	16		

Mode = 2, Median = 6 and Mean = 9.65

19) Shoe Size

6 7 8.5 8.5 7.5 8
 7.5 8.5 8.5 8 6.5 8
 9 7 8

Mode = 8 and 8.5, Median = 8
 and Mean = 7.77

20) Goals in a Hockey Game

5 9 5 4 5 5 3 6
 8 6 7 7 5 5 3 3
 7

Mode = 5, Median = 5 and
 Mean = 5.47

21) Sales Tax

State	Percent	State	Percent	State	Percent	State	Percent
Connecticut	6.35	Indiana	7	South Dakota	4	Maine	5.5
Michigan	6	Arkansas	6.5	Vermont	6	Arizona	5.6
Florida	6	Massachusetts	6.25	North Dakota	5	Oregon	0
Georgia	4	Virginia	4.3	Maryland	6	Colorado	2.9
Louisiana	4						

Mode = 6, Median = 5.6 and Mean = 5.02

22) Hits in a Round of Hacky Sack

12 8 19 12 6 10 7
 12 2 6 6 7 5 6
 7

Mode = 6, Median = 7 and
 Mean = 8.33

23) Hits in a Round of Hacky Sack

4 12 2 5 3 15 3
 9 15 8 3 8 10 12
 10 5 8

Mode = 3 and 8, Median = 8 and
 Mean = 7.76

24) Hits in a Round of Hacky Sack

12 6 5 6 14 17 5 9
 3 3 2 3 6 6 7 6
 12

Mode = 6, Median = 6 and Mean = 7.18

25) Minutes to Run 5km

34.9 28.3 32 37.3 27.2 28
 36.2 42.3 27.2 35.1 31.9 34
 44.7 26.6 27.5

Mode = 27.2, Median = 32 and
 Mean = 32.88

26) Hits in a Round of Hacky Sack

12 4 5 14 8 6 6 5
 4 9 5 8 0 3 6 10
 3

Mode = 5 and 6, Median = 6 and
 Mean = 6.35

27) Life Expectancy

State	Years	State	Years
Texas	80.3	Arizona	79.3
Alaska	74.9	Oregon	82
Oklahoma	78.2	West Virginia	74.1
Maryland	81	Wisconsin	79.8
Virginia	82.5	Nevada	81.3
New Jersey	82.4	Massachusetts	83.8
Indiana	81.3	Hawaii	79.7
Wyoming	78.4	South Dakota	74.3
Illinois	81.5		

Mode = 81.3, Median = 80.3 and
 Mean = 79.69

28) Average Time to Maturity

Plant	Days	Plant	Days
Radicchio	90	Beefsteak Tomato	80
Cowpeas	80	Cheyenne Pepper	64
Mustard	37	Zucchini	50
Eggplant	74	Asparagus	730
Cucumber	58	Honeydew	80
Red Onion	95	Grape Tomato	65
Peanut	120	Roma II Bush Bean	53
Arugula	35	Gooseneck Gourd	120

Mode = 80, Median = 77 and
 Mean = 114.44

29) Shoe Size

7.5 8.5 8.5 6.5 8.5 8.5
 9 8.5 10 7.5 7 7.5
 7 7.5 9 8

Mode = 8.5, Median = 8.25 and
 Mean = 8.06

30) Games per World Series

5 4 6 6 7 6 4 5
 7 6 4 4 5 6 7 4
 7

Mode = 4 and 6, Median = 6 and
 Mean = 5.47