## Statistics Practice Worksheet

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

1. 13, 13, 10, 8, 7, 6, 4, 5, 14, 12, 4, 2, 9, 8, 8, 12

Mean:

Q1: \_\_\_\_

Median (Q2):

Q3:\_\_\_\_

Mode:

Range:

2. 20, 30, 35, 24, 36, 47, 48, 50, 23, 21, 23, 36 A salid hours gall on gr

Mean:

Median (Q2):

Q3:

Mode:

Range:

3. 2, 5, 4, 1, 6, 7, 4, 3, 2, 1, 1, 3, 4, 3, 2

Mean:

Q1:\_\_\_\_

Median (Q2):

Q3:

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Range: A second of the second

4. 130, 140, 135, 125, 160, 175, 123, 131, 130, 155, 161 and the second of the second

Mean: Was Company of the 12 Q1: Was to she story and the s

Median (Q2):

Mode:

Range:

$egin{array}{cccccccccccccccccccccccccccccccccccc$	Spent Sleeping at Night 7 4 5 9	
6 8 8 9 8 7 10 7 8		
. Find the following for the data:		
Mean:	Q1:	
Median (Q2):	Q3:	
Mode:		(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
Range:		
Which measure of central tender hours the "typical" person spend		
	en e	
Suppose another person was sur- would this affect the mean, med	veyed who said that he spe ian, mode and range?	nds 3 hours sleeping at night. How

- 8. Ms. McNally determined the quarter grades for her Junior-Algebra 2 class. She changed all the grades below 55 to a 55. The original list was: 40, 92, 45, 88, 55, 82, 63, 83, 65, 77, 66, 71, 67.
  - (a) Find Quartile 1, the Median, Quartile 3, and the Mean for the original data set.
  - (b) What is the new data set after the grades were changed?
  - (c) Find Quartile 1, the Median, Quartile 3, and the Mean for the new data set.
  - (d) Which of the measures in the Five Number Summary changed?

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Range:\_

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Fi	ind the mean, median, mo 2 7 4 5 6 7 8 8 13, 13, 10,8, 7, 6, 4, 5, 14, 12	de, rang (A, 7, 9, 8	ge, and qua 2 13 2 4, 8, 12	ertiles for	each data	ı set.			
	Mean: 8,4	Q1:	5.5						
	Median (Q2):	Q3:	12		e Vingo				
	Mode: 8			V.			per 1		
	Range:   2	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~					era		
	成为多级外外	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	NE CIE	( Sb		19. jt. 3			
2.	20, 30, 25, 24, 36, 47, 48, 50,	2,3′, 2,1′, 2′3	, 36	in in Singled the little	V and	Sagrakiyak		v	
	Mean: 32,75		205	<b>6</b>					
	Median (Q2): 32.5	Q3:	41.5	· · · · · · · · · · · · · · · · · · ·					
	Mode: 36		en en en e				e e e e e e e e e e e e e e e e e e e	•	
	Range: 30								
			V viv	~ ~ ~ \	d le Na 3	V Xx s	~ \\\\	:	
3.	2, 5, 4, 1, 6, 7, 4, 3, 2, 1, 1, 1, 3,	4, <i>3</i> , 2	*****	In the space of	X (2)/39	ud.	) 360°74°		14
	Mean: 3,2	Q1: _	2	<del> </del>	***	معنی در د			
	Median (Q2): 3	Q3:	4.						
	Mode: 1, 2, 3, 4		a i siin <del>Veral</del> Tau ami gani				a programme de la companya de la co La companya de la companya de		
}	Range: 6			i Landon de la composition					
·			123	25		and the same	کیدر رو	No 600 11	æ.
4.	136, 146, 135, 125, 160, 175,	123, 131,	130, 155, 16	1 130 1	20:11	41 125	)1#10	Nax.	
	Mean: 142.27	Q1: _	130	1 <u>1,7088</u> 4014		Mart N		i) M	itus P
	Median (Q2): 125	Q3:	100						
	Mode: /30	OV Step (2015)		, Mark Mariak k T	មិនស្គមានិងម៉ាក់ 				

Number of Hours Spent Sleeping at I	Night Assessment Assessment
8' 40° 4' 57	
6 8 8 5 8 5 8 5 8 8 8 8 8 8 8 8 8 8 8 8	
5. Find the following for the data:	an gan ta ay ka shi ta shi a 1900 a 1900 a 1900. Ta ka
Mean: 7, 4 Q1: 7	
Median (Q2):	
Mode:	
Range: (0	
	en de la companya de La companya de la co
6. Which measure of central tendency do you think giv hours the "typical" person spends sleeping each nigh	
Mean - there are no	outliers was a
7. Suppose another person was surveyed who said that would this affect the mean, median, mode and range	he spends 3 hours sleeping at night. How?
vean: 7.2 -9 decreeses	
Mode: No charge—Sincreases	
Davige. 7 - Increases	
8. Ms. McNally determined the quarter grades for her J the grades below 55 to a 55. The original list was: 4 71, 67.  (a) Find Quartile 1, the Median, Quartile 3, and	0, 92, 45, 88, 55, 82, 63, 83, 65, 77, 66, the Mean for the <b>original</b> data set.
(b) What is the new data set after the grades we	re changed?
(c) Find Quartile 1, the Median, Quartile 3, and  Remain the Samuel  (d) Which of the measures in the Five Number s	X: 70.7

40 45 55 63 65 66 60 XX 85 85 85 86 95