Name	Key	
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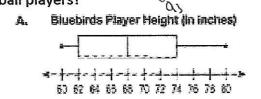
Name .	Key	HW [.]	Date	#/0
1.		mple of ten ninth graders was asked "H	How many hours did you sp	end watching
a)	TV last night?" The data for Construct a dot plot of the c	these ten students is to the right.	Studen	Hours of TV
2388		District the second of the second sec	1	2 :
	0 0		2	1.:
	0 1	2 3 4	X 3	0 .
		Hours of TV	4	3 (
b)	The second secon	ta distribution as approximately symme	etric or as 5	4 ;
	skewed?		6	1.
	a pproxi	mately Symmetric (Belleur	7	2. (
	,1	(Bell con	8	2
CV	Calculate the values of the	mann and the median for this data set	9	4 ′
~		100 To The median for this data set.	_ 3 10 = 5 10.	3 10
X=	mean =	$\frac{22}{10} = 2.27$. Midia = [a	25"	
2. a) M	or the median? Block defined The height's of 20 basketbal	typical number of hours of TV for these with 2 Normale is sy months (NO offices). It players, in inches, are given below: 1, 75, 80, 81, 82, 84, 78, 75, 80, 75, 77, 1, 73, 75, 75, 75, 75, 77, 78, 84, 84, 84, 84, 84, 84, 84, 84, 84, 8	Iwulduse tresm	*:
	\	•	•	
,	A .	9	0	- 1
		0 0 0	0. 0' 0 0	0, 0
60	61 62 63 64 65 66 6	67 68 69 70 71 72 73 74 75	76 77 78 79 80 81	82 83 84 ⁷ X
		Height's of players (in inches)		
	Sk nat is the spread (range) of th			
4,	84-617 [23			
d) Wi	nat is the mode and the media	an for this data set?	20 = 10.	
	word: De	5 480) median [76]	2	

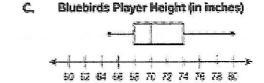
e) What is the best measure of central tendency to describe this data?

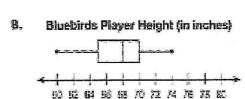
3. The heights, in inches, of the players on the Bluebirds baseball team are:

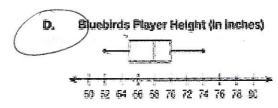
62, 64, 64, 65, 67, 67, 68, 68, 69, 70, 70, 70, 71, 73, 74

The manager determined that the team's lower quartile height is 65 inches, the median height is 68 inches, and the upper quartile height is 70 inches. Which box plot represents the heights of the Braves baseball players?

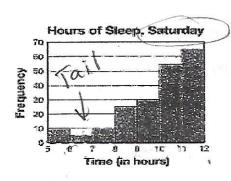


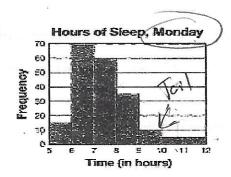






4. Skylar surveyed 200 high school students to find out how many hours they slept this past Saturday night and how many hours they slept this past Monday night. The histograms show the data she collected.





Compare the distributions of data on the two graphs. How do they differ? For what reason could they be so different? Explain.

ars of sleep Sato is sleved left showing that they sl hours of strep Monday is more sleved right showing steep trashours. Students have to gotuschal Musiky so they.
uld get trass steep where they don't an Sun! and can steep more!

5. Describe the shapes of distributions for the following histograms.

