

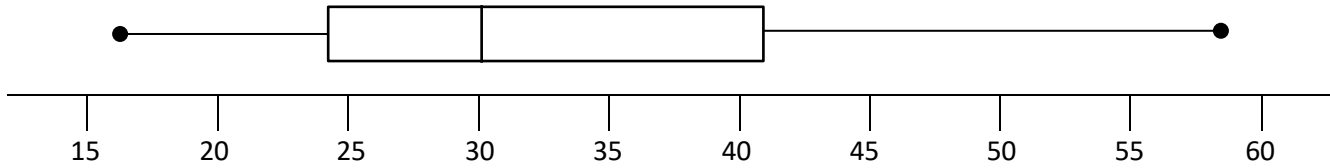
Name _____

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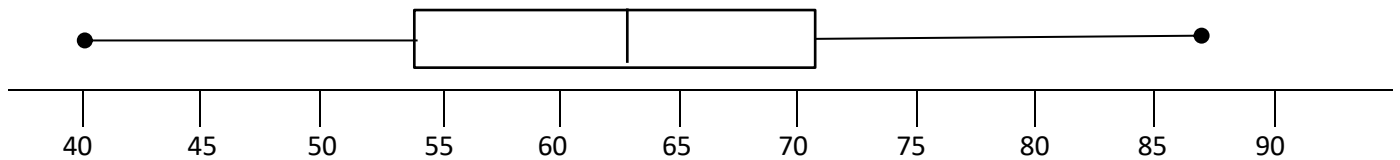
INTERPRETING BOX PLOTS SHEET 3

1) This box plot show the annual rainfall in inches across different states in the US.



a)	The median rainfall across the US is _____ inches.			
b)	The state with the highest rainfall recorded _____ inches.			
c)	The data is	skewed to the left	skewed to the right	symmetric
d)	The range in the rainfall data is _____ inches.			
e)	About 25% of states have rainfall that is less than _____ inches.			
f)	About 25% of states have rainfall that is more than _____ inches.			
g)	The interquartile range of rainfall is _____ inches.			

2) This box plot shows the number of points scored in a basketball tournament by a group of players.



a)	The median number of points scored was _____.			
b)	The highest scoring player scored _____ points.			
c)	The range of points scored was _____.			
d)	Most of the players scored more than 65 points:	true	false	can't tell
e)	The data is	skewed to the left	skewed to the right	symmetric
f)	The interquartile range is _____ points.			
g)	About 75% of the players scored more than 71 points.	true	false	can't tell

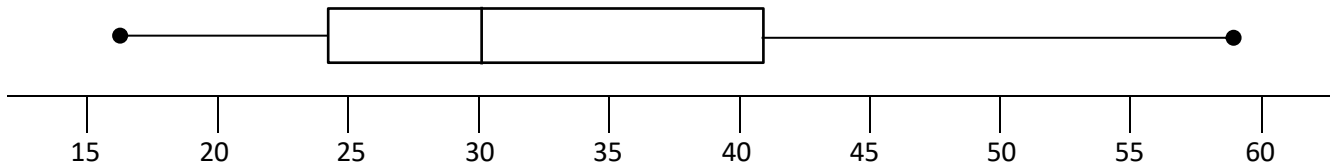
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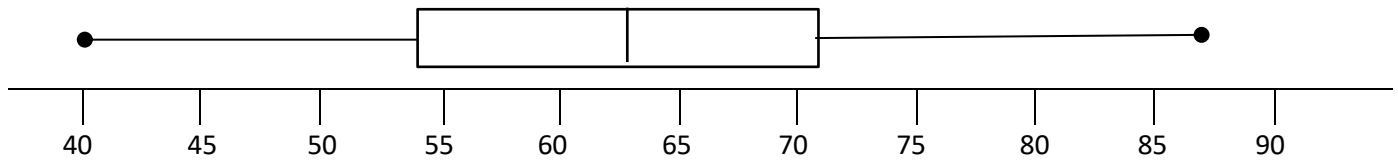
INTERPRETING BOX PLOTS SHEET 3 ANSWERS

1) This box plot show the annual rainfall in inches across different states in the US.



a)	The median rainfall across the US is <u>30</u> inches.			
b)	The state with the highest rainfall recorded <u>59</u> inches.			
c)	The data is	skewed to the left	<u>skewed to the right</u>	symmetric
d)	The range in the rainfall data is <u>43</u> inches.			
e)	About 25% of states have rainfall that is less than <u>24</u> inches.			
f)	About 25% of states have rainfall that is more than <u>41</u> inches.			
g)	The interquartile range of rainfall is <u>17</u> inches.			

2) This box plot shows the number of points scored in a basketball tournament by a group of players.



a)	The median number of points scored was <u>63</u>			
b)	The highest scoring player scored <u>87</u> points.			
c)	The range of points scored was <u>47</u> .			
d)	Most of the players scored more than 65 points:	true	<u>false</u>	can't tell
e)	The data is	skewed to the left	skewed to the right	<u>symmetric</u>
f)	The interquartile range is <u>17</u> points.			
g)	About 75% of the players scored more than 71 points.	true	<u>false</u>	can't tell