

17/20

Five Number Summary

1. write a five number summary for a set of data.

5 number summary

* numbers need to be in order from least to greatest

1. minimum * 0%
2. Q1 (quartile 1 - median of the lower half) * 25%
3. median * 50%
4. Q3 (quartile 3 - median of the upper half) * 75%
5. maximum * 100%

EX

21, 25, 25, 27, 32, 39, 40

min - 21 Q1 - 25 med - 27 Q3 - 39 max - 40

21 ~ 25 ~ 27 ~ 39 ~ 40

IQR

interquartile range: $Q3 - Q1$

EX $39 - 25 = 14$

range: max - min

$40 - 21 = 25$