## Measures of S P R E A D (uariation): Range \& Interquartile Range (IQR)

Measures of Spread tell you how spread out your data is, or how much it varies.
Range: the difference between the highest and lowest values in a data set (simply subtract the highest and lowest numbers!)
Example: 20, 13, 22, 17, (28)(10) $25 \quad$ Range $\rightarrow 28-10=18$

You Try: Find the range for the following data.

1) $34,15,9,33,27,12,27,25,30$ $\qquad$
2) $8,90,5,80,27,50$ $\qquad$
3) $5,4,3,5,4,2,2,6$ $\qquad$
4) $35,41,68,35,83$ $\qquad$
5) $5,7,5,9,6,5,5,8,4$ $\qquad$
What does a LARGE range tell you about the data? $\qquad$

What does a SMALL range tell you about the data? $\qquad$
$\qquad$

