

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**Learning Goal 2.1**

Discrete data analysis.

From Jocelyn and Nicholas, how many hours do you sleep on a school night?

Let's do some statistics on this:

$\bar{x}$	$\sigma$	Max/Min	Median
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Range	Q1	Q3	IQR
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Everyone needs more sleep. Especially you. Let's add \_\_\_\_\_ hours to each of those numbers.

Which statistics do you think will change?

Which statistics do you think will stay the same?

$\bar{x}$	$\sigma$	Max/Min	Median
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Range	Q1	Q3	IQR
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I'd even venture to say that if we doubled your time, you'd feel much better about life!

Which statistics do you think will change?

Which statistics do you think will stay the same?

$\bar{x}$	$\sigma$	Max/Min	Median
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Range	Q1	Q3	IQR
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