Name_____ Date_____

Screen Time

Jasmine turned 12 years old last week and her parents gave her a cell phone as a birthday gift. Jasmine's parents said that she is allowed to keep the phone as long as her average screen time each day does not go over 240 minutes during any two-week period of time. Jasmine has kept a record of her screen time over the last 13 days.

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Screen Time (minutes)	310	195	220	275	190	210	280	215	195	255	275	270	265	

a) Using this information, what is the greatest number of minutes Jasmine can be on her phone for Day 14 to stay within the average of 240 minutes her parents allow? Explain your reasoning.

b) Jasmine wonders if she might get more screen time on Day 14 using the median or mode as the measure of center to stay within her parents' limit of 240 minutes. Would the **median** or **mode** allow her more screen time on Day 14? Explain your reasoning.

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