

1,3,4,3,4,3,4,3,4,3,4,3,4,3,4,3,4,3

Geo SAT/PSAT practice Fri, March 20, 2020

14

	I	engths o	of Fish (i	n inches	3)	
Q	9	9	9	10	10	11
11	12	12	12	12	13	13
12	1.4	14	15	15	16	24

The table above lists the lengths, to the nearest inch, of a random sample of 21 brown bullhead fish. The outlier measurement of 24 inches is an error. Of the mean, median, and range of the values listed, which will change the most if the 24-inch measurement is removed from the data?

- A) Mean
- B) Median
- C) Range
- D) They will all change by the same amount.



SAT/PSAT practice Fr1, March, 20,2020

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-	Λ
a.	4

	I	engths o	of Fish (i	n inches	s)	
8	9	9	9	10	10	11
11	12	12	12	12	13	13
12	14	14	15	15	16	24

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- sum all Hts = 262 wo outlier sum = 238

	WITH OUT LIER	w/o outlier
Range	24-8 = 16	16-8 = 8 CHANG
Median	21 #s median is 11+h #	20 #s median 15 avg of

which are both 12 Median 12 median = 12

$$\frac{262}{12} = 21.8$$