

**STOPPING ON A DOLLAR**

Statistics is a numerical communications course. The more you learn about statistics, the better decisions you will make when evaluating communication involving numbers. Evaluate the following results from a study on braking distances of the most popular brands of bicycles and decide which would be the best buy.

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<b>Getting More For Your Money</b>		
<b>Brand</b>	<b>Price</b>	<b>Wet Braking Distance</b>
Huffy	\$110	55 ft
Murray	79	25
Pacific	145	30
Magna	99	62
Euro	175	75

The bikes were tested on smooth, wet pavement. The bikes were new and comparable in model. Stopping distances used for each bike are the best of four stops. The bikes were driven at 15 mph and then the brakes were firmly applied. The bikes were either 24 inch or 26 inch type.

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1. What are the details of the study?
2. Do you think the results would be different given different conditions?
3. Does the article mislead the consumer in any way?
4. Are the bikes' brakes or the tires being tested?
5. What impression does the article give by listing the prices of the bikes along with the braking distances?