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1. The weight of a surfboard is a continuous variable, whereas the number of surfboards currently at Bondi Beach is a discrete variable.

1 / 1 point

- ☒ True  
☐ False

✓ Correct  
The weight of a surfboard is a continuous variable because the possible value of expressing a weight in measurement such a kilograms is infinite and uncountable. The number of surfboards currently at Bondi Beach is a discrete variable because the surfboards can be counted.

2. A data professional is working on a project that involves labeling thousands of books by their various book genres. What type of variable should they use when working with this dataset?

1 / 1 point

- ☐ Quantitative  
☒ Categorical  
☐ Discrete  
☐ Continuous

✓ Correct  
They should use a categorical variable. Categorical variables contain a finite number of groups or categories.