

What's the Question? (6.8.A.1.4)

Illustrative Mathematics

1.4: What's the Question?

1. Does each survey question would produce categorical data or numerical data?

- What is your favorite vegetable?
- Have you been to the capital city of your state?
- How old is the youngest person in your family?
- In which zip code do you live?
- What is the first letter of your name?
- How many hours do you spend outdoors each day?

2. Andre collected the following data.

row 1	8.5	10.5	7.8	9.5	8.1	9.0	10.2	9.6	11.2	10.9	12.7	9.8
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If the unit of measurement is centimeters, what could he be investigating? Select **all** that apply.

- The weight of a dozen eggs.
- The length of leaves from a tree.
- The height of cups and mugs in a cupboard.
- The length of songs in a music CD.
- The length of colored pencils in a box.

