

Student Activity Book

**Variable (SAB p. 283)
Questions 1–2**

1. Possible responses:

Variable	Common Use (Example where the variable is used)	Standard Units	Equipment Needed for Measurement
Length	pants size, waist and length	centimeters inches miles	ruler meterstick tape measure
Area	amount of carpet for floor	square in square cm	tiles ruler meterstick
Volume	measures for ingredients for cookies	cubic inches gallons liters	graduated cylinder measuring cup
Mass	used to calculate the amount of fuel for the Space Shuttle	grams	balance
Time	used to measure the duration of an event	seconds minutes years	clock pendulum chronometer
Temperature	to check for a fever	degrees F or C	thermometer
Speed	to know how fast a car is traveling	length/time	speedometer

2. Two variables are listed in the data table as possible answers.

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Name _____ Date _____

Variables

✓ **Check-In: Questions 1-2**

1. In the story, George Washington Carver: Man of Measure, Professor Carver names five variables often used in math and science. Use those variables and Carver's discussion to fill in the table below.

Variable	Common Use (Example where the variable is used)	Standard Units	Equipment Needed for Measurement

2. Think of another variable that could be added to Professor Carver's list and add it to the data table.

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Variables and Values **SAB • Grade 5 • Unit 7 • Lesson 5 283**

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