

Student Activity Book

Grapher's Graph for the Prince\*

(SAB p. 3)

See lesson for a discussion about *Grapher's Graph for the Prince*.

Name \_\_\_\_\_ Date \_\_\_\_\_

### Grapher's Graph for the Prince

Use this graph to predict how tall the giant is. Remember the length of his hand is 50 cm. Show on the graph how you estimated.

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Table-Maker's Data Table

(SAB p. 5)

Answers are estimates, but should reflect that height is roughly 9 times hand length.

Giant	L Hand Length (cm)	H Height (cm)
Thor	44	400
Tiny	42	375
Barry	60	550
Orpine	100	900
Muddle	29	265
Harold	90	812

Name \_\_\_\_\_ Date \_\_\_\_\_

### Table-Maker's Data Table

In later years, Artist, Table-Maker, Grapher, and Answerer traveled to a distant land. In this land, there were many giants, not just a few. They thought back to the time they had estimated a giant's height by using data about hand length. Table Maker was curious whether these giants were taller than the giant they had met years ago. He started asking the giants how tall they were and recording the information in a table. He found out that these giants were many different heights.

Answerer, who loved thinking up hard questions to answer, said, "I just thought of a new puzzle. I wonder how big their hands are. Do you think we could use our data table and graph from years ago to solve this puzzle?"

Estimate the hand lengths for these giants and complete this table. You may use the *Grapher's Graph for the Prince*. You may also use patterns you found in the tables in the *Four Servants* story in your *Student Guide*.

Giant	L Hand Length (cm)	H Height (cm)
Thor		400
Tiny		375
Barry		550
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\*Answers and/or discussion are included in the lesson.