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Stack Up (SG p. 156) Questions 1–3

- I.* Possible response: They need to know the thickness of a penny or a stack of pennies. They need to know how many centimeters are in a meter and how many meters are in a kilometer.
- **2.*** Possible response: They will need a centimeter ruler or a meterstick and some pennies to measure. They could use a calculator, a table or chart, and maybe some graph paper.
- 3.* Possible response: They can begin by measuring a small stack of pennies to see how many it takes to make a 1 centimeter stack. Then they can multiply to find out how many it will take for a meter stack, a kilometer stack, and finally a stack that is 384,400 kilometers tall.

* Answers and/or discussion are included in the lesson.