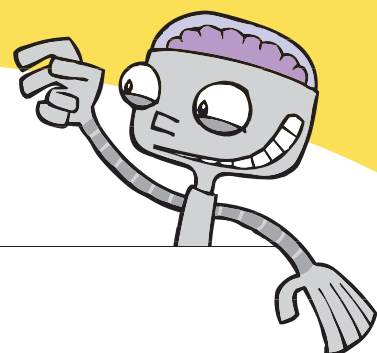


# PILES OF PENNIES



How many ways can you pile 100 pennies?

## WHAT YOU'LL NEED

- 100 pennies
- A ruler

## WHAT TO DO

- 1 Stack your pennies into piles of 5 pennies each, 10 pennies each, and 20 pennies each. How many stacks do you have each time? How high is each stack? Record your measurements on this table.

Number of pennies in each stack	How many stacks?	How high is each stack?
5 pennies		
10 pennies		
20 pennies		

- 2 How tall do you think a pile of 15 pennies would be? How about 25 pennies? Try it and see.

- 3 How high would a stack of 100 pennies be? Can you make one?



## DID YOU KNOW?

- A penny is about 1/16th of an inch thick (1.55 millimeters).
- The Statue of Liberty is made of copper that is as thick as two pennies put together.

