



## Measuring A Million

It's hard to imagine how much is a million so sometimes it helps to do an activity such as this.

You'll need 50 sheets of paper and a calculator. Be sure to do all measurements in metric.

First guess.

How tall would a stack of 1 million sheets of paper be?

Stack 25 sheets of paper then measure the height of it.

Stack 50 sheets and measure it.

Based on these measurements, how tall will a stack of 100 sheets be?

If 100 sheets is \_\_\_\_\_ cm tall then how tall are 1,000,000 sheets?

To get your answer:

How many 100 sheets of paper are in a million? Divide 1 million by 100.

Multiply that answer by the height of 100 sheets.

Now you have a large number in cm. There are 100 cm in a meter so take 2 zeros off your answer and you have meters. (See why metrics is easy?)

A meter is closely equivalent to a yard. For perspective, a football field is 100 yards long.

You can take this further by going outside and walking the meter distance while remembering you are walking the "stack" of 1 million sheets of paper.

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