

# 'Plausible Estimation' Estimates for a Million Tasks - Set #1

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The aim of this assessment is to provide the opportunity for you to:

- develop a chain of reasoning that will enable you to estimate quantities to an appropriate degree of accuracy
- choose suitable units for your estimate
- communicate the assumptions upon which your estimate is based.

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## 1. Breathing

How many days would it take you to breathe a million times?

<i>Assumptions</i>
<i>Reasoning</i>

## 2. Paper Clips

Suppose a chain is made from a million paper clips. How far will it stretch?  
Choose suitable units for your answer.



*Assumptions*

*Reasoning*

## 3. The brick wall

Suppose you use a million household bricks to build a wall four feet high. How long would the wall be?



*Assumptions*

*Reasoning*

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**4. The dripping faucet**

A faucet drips a million times. How many buckets will it fill?



<i>Assumptions</i>
<i>Reasoning</i>

**5. Writing a million**

How long would it take you to write out all the numbers, from one to a million?

Remember that some numbers have more digits than others!



*Assumptions*

*Reasoning*