

# Need to compare size? Legonacci Series

🕒 varies

- 🧱 • 1x1 plates
- 1x1, 1x2, 1x4, 1x6 and 1x3 bricks
- 2x2, 2x3, 2x4, 2x6 and 2x8 bricks

## Why?

It is often useful to be able to quickly and easily compare the size of a group of tasks..

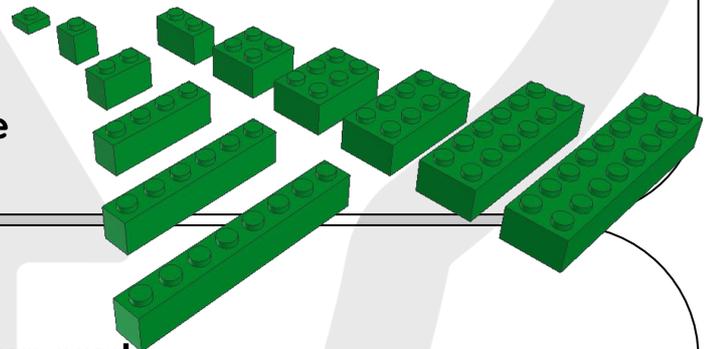
## What?

In agile software development it is important to estimate how much work can be done in a period of time. However people are not good at estimating the absolute time a task will take - underestimating the effort and not taking into account unforeseen events. Much better results are achieved when comparing the relative size of tasks.

(<https://www.agilealliance.org/glossary/relative-estimation/>)

The Fibonacci series, where each consecutive number is the addition of the previous two, is often adopted in agile because the significant difference makes it easier to choose.

**The Legonacci series uses common LEGO® bricks to make a visual estimate of relative size of a group of tasks.**



## How?

This is an example of group estimation:

- Write **task titles on individual system cards**.
- Spread a good **selection of bricks on the table** so that everyone can reach them
- Read through all cards and **agree which task is the smallest**.
- **Place that card on the table with a 1x1 brick on it** - all other estimates are relative to this task.
- For each remaining card:
  - **Read out the title of the card.**
  - Every team member will **pick a brick that best represents the size** of the task.
  - **Discuss any big differences.**
  - **Place the card on the table with the brick that best represents its size.**

(NOTE: The 1x1 plate can be used if you discover a 'smaller' task or there are some trivial tasks you need to account for.)