**Textile spreading.**

Fabric spreading is a method where piles of fabric are spread a specific length and width wise according to the garment marker plan.

**Cost of spreading**

* The **labour cost** for the time to spread
* The **cost of fabric** engaged in the spreading of garments as well as the fabric cost of ends and damages

**Labor cost per garment during spreading**

* = $\frac{labor cost(hourly) \*time required for each spread( hours)}{Number of garment obtained from each spread}$

Example:

A marker has 7 garments (all patterns) on 70 layers of fabric; the worker took 3 hours to do the spreading process and receives 2USD per hour.

Q1:

Calculate labor cost of spreading when maker has 5 garments, on 1000 layers of fabric, and it took 10hours to prepare and worker receive 90Czk per hour.

Q2: Calculate labor cost of spreading when 10 garments are planned from 500layers and it take 2h15min for the workers working at 90Czk per hour.

**cost of ends/damages**

**=** $\frac{Fabric cost (per meters)X (1-marker efficiency)\* total fabric used for spreading}{Number of garment obtained from each spread}$

Total number of garments obtained from spreading process are 1000, the total fabric consumed in 150 meters and cost of fabric per meter is 2USD. The marker efficiency is 95%. Calculate cost of ends/damages per garment.

Calculate Loss of ends, when total obtained garments are 5000, the fabric consumed is 200meters, and cost of fabric per meter is 2,5usd, the marker efficiency is 78%.

Calculate Loss of ends, when total obtained garments are 2700, the fabric consumed is 175meters, and cost of fabric per meter is 1.76 usd, the marker efficiency is 92%.