SESSION 1

INTRODUCTION TO
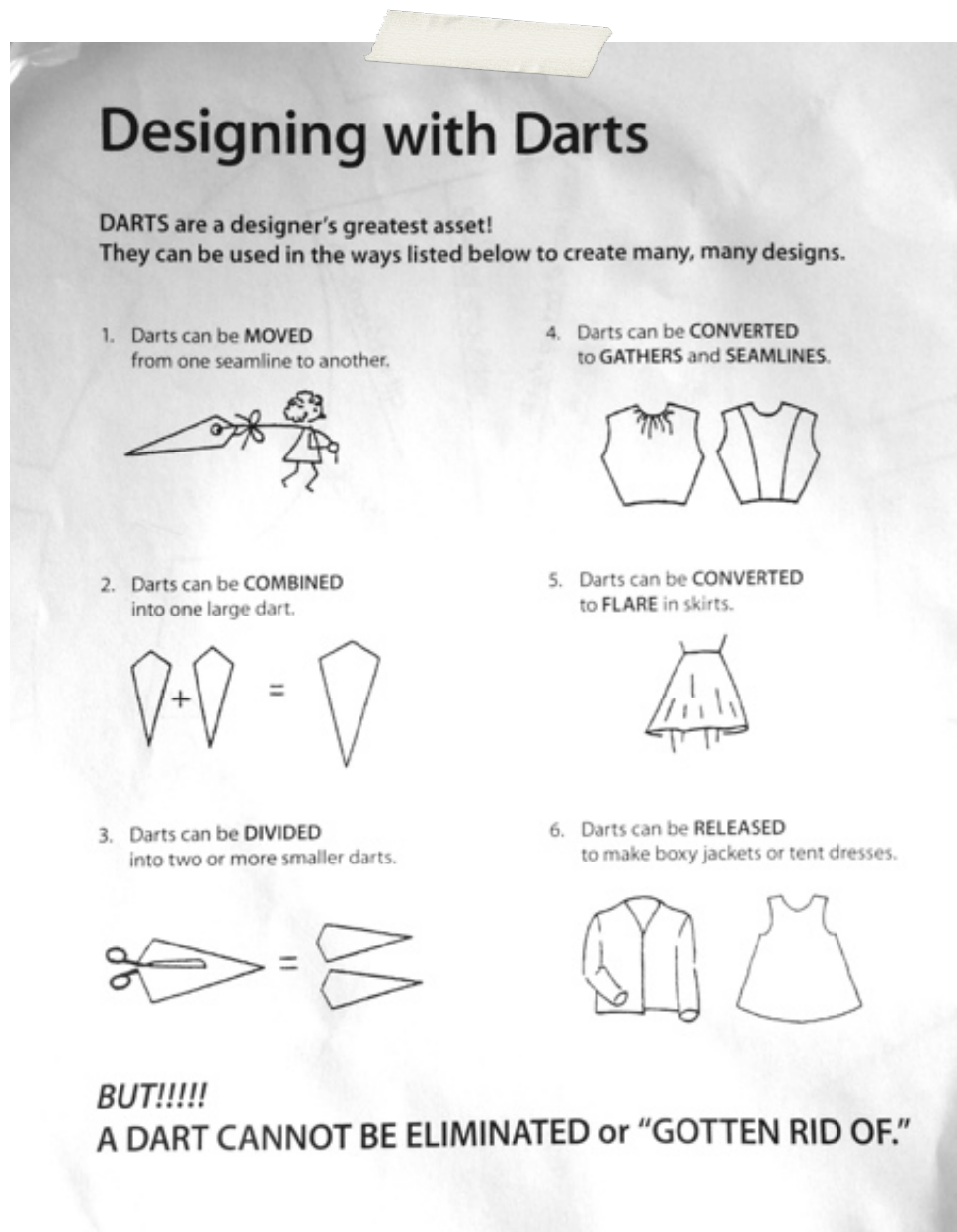TRANSFORMATIONAL RECONSTRUCTION

SHINGO SATO

- Japanese designer best known for 'sculpting' using cloth as a medium

- Acclaimed designer and instructor at several international colleges

- Popularized the elimination of darting by creating new style lines through his Transformational Reconstruction technique

- Advocate of sharing his inspirational teaching

WHAT IS TRANSFORMATIONAL RECONSTRUCTION?

- Called TR for short

- Innovative, 3-D approach to patternmaking that eliminates darting

- Allows designers to intuitively and artistically manipulate a pattern

- Allows for style lines to be drawn directly on a muslin garment

- Broadens scope of creative possibilities otherwise limited by basic drafting and draping

- Encourages learning by mistake and discovering by chance

TR CHALLENGES WHAT WE KNOW ABOUT DARTS

Designing with Darts

DARTS are a designer's greatest asset!
They can be used in the ways listed below to create many, many designs.

1. Darts can be **MOVED** from one seamline to another.

2. Darts can be **COMBINED** into one large dart.

3. Darts can be **DIVIDED** into two or more smaller darts.

4. Darts can be **CONVERTED** to **GATHERS** and **SEAMLINES**.

5. Darts can be **CONVERTED** to **FLARE** in skirts.

6. Darts can be **RELEASED** to make boxy jackets or tent dresses.

BUT!!!!!
A DART CANNOT BE ELIMINATED or "GOTTEN RID OF."

- Darts can be moved, combined, divided, released, or converted into gathers and flares, but they can't be <u>eliminated</u>.

- With TR excess fabric normally taken in by a dart is transferred into new style lines so darts seemingly 'disappear'

[BASIC]

[ADVANCED]

- **YOU**! TR is great for all levels of designers and patternmakers

- May be particularly helpful for those who are new to patternmaking

- At an elementary level, TR can change the basic lines of a garment

- At a highly advanced level, it can be used to create architectural works of art.

WHAT YOU'LL LEARN IN THIS COURSE

- How to apply the TR design technique to a basic bodice

- How to deconstruct new bodice lines into flat pattern pieces

- How to refine these pieces into final patterns

- How to re-assemble these pattern pieces into a new garment with completely new style lines