

# How to solve any\* problem

\*ok, not all, but most...

- 1) What is being asked?
- 2) What information is provided?
- 3) What is needed to get from the question to the answer?

1) What is being asked?

How to improve / which is better?

→ Performance (speed / accuracy)

→ Safety

## 2) What information is provided?

What is important for:

- Performance (speed / accuracy)
- Safety

## 2) What information is provided?

It is your job to gather the information!

→ Observation

→ Ask the people who do the task

3) What is needed to get from the question to the answer?

## Categories of measurements

- Events (Min/Max, Start/Stop)
- Totals (Displacement)

3) What is needed to get from the question to the answer?

Temporal method

→ At a single moment

→ Over time

3) What is needed to get from the question to the answer?

How the information can be used

→ The event itself

→ Another measure at the event

3) What is needed to get from the question to the answer?

What qualifies as better?

→ Performance (speed, accuracy)

→ Safety