

## Technical graphics vs CAD

Drag and drop the following statements to describe Technical Graphics and Computer-Aided Design

- Can be **slow**
- Drawings **cannot be modified**
- **Accuracy** can be **affected** by human error

- Can be **expensive**
- May need a **skilled operator**

- Ability to **easily draw** to scale
- **Easy to visualize 3D** drawings
- **Very accurate**
- Drawings can be **quickly modified**
- Easy to **annotate and dimension drawing**
- Can **easily view sectional and exploded views**

Graphical representation of an object **using computer software**

Graphical representation of an object **on paper.**

- **Low cost**
- **A traditional skill**

| Technical graphics |               | Computer-aided design |               |
|--------------------|---------------|-----------------------|---------------|
| Advantages         | Disadvantages | Advantages            | Disadvantages |
|                    |               |                       |               |