

**B Look at the help box and decide if the –ing forms in these sentences are gerunds, present participles or adjectives .Write g, pp, or adj.**

- 1 PCs generate graphics by **performing** mathematical calculations on data. **Gerund**
- 2 Colour picker lets you pick a colour from an area of an image, instead of **choosing** the colour from the colour palette. **Gerund**
- 3 Zoom is like a **magnifying** glass which changes your view of **drawing**. **Adjective / Gerund**
- 4 She is **designing** a logo for the company **Participle**
- 5 If you need to make a presentation, I suggest **using** Power Point **Gerund**
- 6 The Internet is a network **linking** other networks. **Participle**

**C Read the passage below, then underline the gerunds and decide whether they function as the subject, the subject complement, the object of a verb, or the object of a preposition.**

You cannot create a picture simply by **specifying** primitives. Instead, you must specify the  
object of prep.

primitives and their attributes, then transform them by **specifying** where and how you want them  
object of prep.

placed on the screen so they create your picture. Transformation means **moving** or otherwise  
object of verb

**manipulating** the object by **translating**, **rotating** and **scaling** the object. Translation is **moving** an  
object of V                      obj.prep              obj.prep              obj.prep                      sub.comp

object along an axis to somewhere else in the viewing area. Rotation is **turning** the object around  
subj..comp

an axis. **Scaling** is **making** the object larger or smaller in any of the horizontal, vertical or depth  
Subj.              subj.comp

directions (corresponding to the x, y and z axes).The **term rendering** describes the techniques  
subj.

used to make your object look real. **Rendering** includes hidden surface removal, **shading**, light  
subj.    obj. V

sources and reflections.

**D Rewrite the following passage using –ing forms. Some changes are necessary.**

Using automatic translation software (e.g Google Translate, Babelfish and Systran) can considerably ease the work of researchers when they need to translate documents; thus saving them money, for example the fee they might have otherwise had to pay to a professional translator, and increasing the amount of time they have to spend in the laboratory rather than at the PC.