

Name: _____

Complete the following wikis about graphics by typing in words from the box in the spaces (1–13). Then choose the correct forms of the words (a–m) by choosing from the drop-down menus.

resolution	CAD	raster	3-D	wireframes	texturing	toolbox
vector	compositing	rendering	computer animation	solid modelling	filters	

Computer graphics

There are two types of computer graphic: (1) _____ graphics, where each pixel is separately defined, and (2) _____ graphics, where mathematical formulae are used _____ lines and shapes. (a) _____ this second type of graphic results in sharper graphics with no loss of (3) _____ when the object is scaled up.

During the late 1970s, personal computers became more powerful, capable of (b) _____ more complex shapes and designs. In the 1980s, artists and graphic designers started (c) _____ personal computers as a serious and (d) _____ new design tool. (4) _____ (Computer Aided Design) allowed designers to make (5) _____ to show the edges of an object, and then add colour and filters (e) _____ it look more realistic, a process known as (6) _____. They could even add light and shadow, known as (7) _____.

Three-dimensional, or (8) _____, computer graphics became possible in the late 1980s with the invention of powerful SGI computers, which were later used to create some of the first (9) _____ films at the Pixar movie studio. 3-D graphics became more popular in the 1990s, in gaming, multimedia and animation. Computer graphics continue (f) _____ even more detailed, due to more advanced computers and better (10) _____ software applications – the tool which allows designers to make graphics appear in 3-D.

Web graphics

In the 1990s, internet speeds increased, and web browsers that could view images were released. Websites began to use the GIF format to display small graphics, such as banners and adverts. Nowadays, web browsers can (g) _____ a much wider variety of image formats. Plugins can expand the web browser functions to display animated, interactive and 3-D graphics, contained within file formats such as SWF and X3D.

Most modern web graphics are made with either Adobe Photoshop or Corel Paint Shop Pro. Windows users have access to MS Paint, but many people think the program has insufficient features, with only a very basic (11) _____ of (h) _____ and (i) _____ tools.

Numerous online communities and websites have been created for web graphics artists, but easy-to-use software – especially photo-editing software – means that it's not only professionals who are (j) _____ graphics online. More and more people now create internet forum signatures and other types of digital art, for example (k) _____ (12) _____ to photos to change their appearance, or (13) _____, which involves (l) _____ several different images (m) _____ one image.