

Computer Graphics

Complete the crossword puzzle below

The crossword puzzle grid contains the following pre-filled words and numbered starting points for empty words:

- Across:**
 - 6: vector graphics
 - 12: palette well
 - 13: raster image
 - 14: fastening point
 - 19: history palette
 - 20: filter
- Down:**
 - 1: pixel
 - 2: bitmap
 - 3: alpha
 - 4: margin
 - 5: layer
 - 7: channel
 - 8: gradient
 - 9: gradient
 - 10: pixel
 - 11: detail
 - 15: guide
 - 16: clipboard
 - 17: font
 - 18: black

The grid is composed of white cells for letters and black cells for empty space. The words are arranged in a complex, overlapping pattern.

Across

2. A geometric arrangement of different color dots on a rectangular grid (**bitmap**)
6. Made up of lines and curves defined by mathematical objects (**vectorgraphics**)
9. A blend of colors used to fill a selection (**gradient**)
10. Each dot in a bitmapped image that represents a color or shade (**pixel**)
12. Area where user can assemble windows used to modify documents (**palettewell**)
13. A bitmap object. It cannot be moved or copied and uses a much smaller file size (**rasterimage**)
14. an anchor pointer within a marquee (**fasteningpoint**)
19. record of each task completed in a document (**history palette**)
20. commands that can significantly alter an image's appearance by sharp (**filter**)

Down

1. An image-editing program (**photoshop**)
3. the effect of moving images created by placing images in the same location and adjusting the timing between their appearances (**animation**)
4. A series of dotted lines indicating a selected area that can be edited or dragged into another document (**marquee**)
5. A section within an image on which objects can be stored and manipulated independently (**layer**)
7. an image or idea that is owned and retained by legal control (**intellectualproperty**)
8. Direction an image appears on the page (**orientation**)
11. action of removing the effect of a fringe or halo from an image (**defringe**)
15. non-printable horizontal and vertical lines to aid in the position of a selection (**guides**)
16. Temporary storage area provided by your operating system (**clipboard**)
17. An irreversible process that combines all layers and reduces the file size (**flattened**)
18. Used to make gradient fills and to fill in areas of an image that have been erased. Default color is white (**background**)