

W2. Vector and Bitmap Images

1. What is a vector image?

2. What is a bitmap image?

3. Put the correct file extensions in the correct group.

SVG, JPEG, PNG, AI, PSD, EPS, GIF, DXF

Bitmap Image	Vector Image

4. Below are sentences that belong either to a Bitmap image (B) or a Vector image (V). Circle their letter if it belongs to that image.

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|---|-------|
| a) Regardless of how much the image is resized, the image definition and quality stays the same | B V |
| b) Can be easily created from existing pixel data | B V |
| c) They don't scale well | B V |
| d) Lower color quality than raster images | B V |
| e) Pixel values may be modified individually or as large groups | B V |
| f) Shapes can be edited by moving points called nodes | B V |

5. Put the correct programs in the correct group.

Adobe Illustrator, Adobe Photoshop, Paint, Corel Draw, Inkscape, Gimp

Bitmap Image	Vector Image