7 A student takes a photograph of a science experiment.

(a) The photograph is saved as a bitmapped image.

(i) Define the following bitmap terms.

Colour depth ....

....

File header ....

....
[2]

(ii) Explain why changing the image resolution will affect the image quality and file size.

Image quality ....

....

....

File size ....

....

....
[2]

(iii) Identify **one** lossless method of compressing an image.

.... [1]

(b) The student draws a picture on paper that is scanned into the computer and saved as a vector graphic.

Define the vector graphic terms property and drawing list.

Property ....

....

Drawing list ....

....
[2]