Recycling  
   
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Recycling is the process of converting waste materials into new materials and objects. This concept  
often includes the recovery of energy from waste materials. The recyclability of a material depends on  
its ability to reacquire the properties it had in its original state. It is an alternative to "conventional" waste  
disposal that can save material and help lower greenhouse gas emissions. It can also prevent the  
waste of potentially useful materials and reduce the consumptio

## Wikipedia Excerpt: Image processing

Digital image processing is the use of a digital computer to process digital images through an algorithm. As a subcategory or field of digital signal processing, digital image processing has many advantages over analog image processing. It allows a much wider range of algorithms to be applied to the input data and can avoid problems such as the build-up of noise and distortion during processing. Since images are defined over two dimensions (perhaps more), digital image processing may be modeled in the form of multidimensional systems. The generation and development of digital image processing are mainly affected by three factors: first, the development of computers; second, the development of mathematics (especially the creation and improvement of discrete mathematics theory); and third, the demand for a wide range of applications in environment, agriculture, military, industry and medical science has increased.