Resampling pixel values

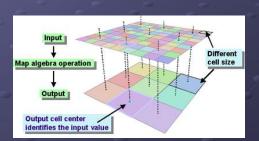
Presented by Joey Roberts

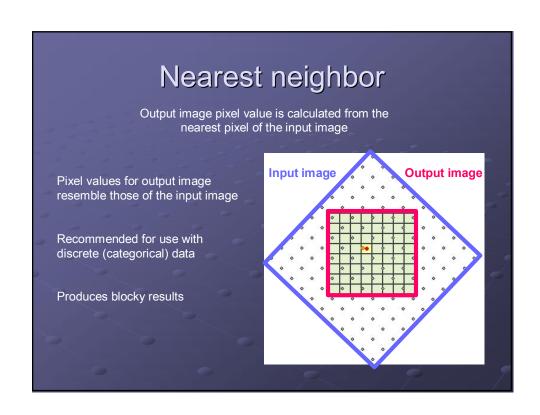
Resampling pixel values

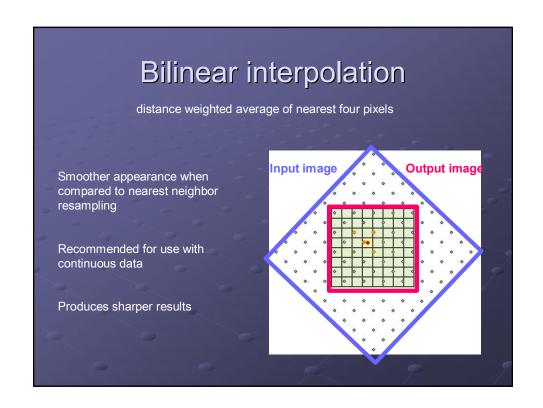
deriving pixel values for a new image from an existing image

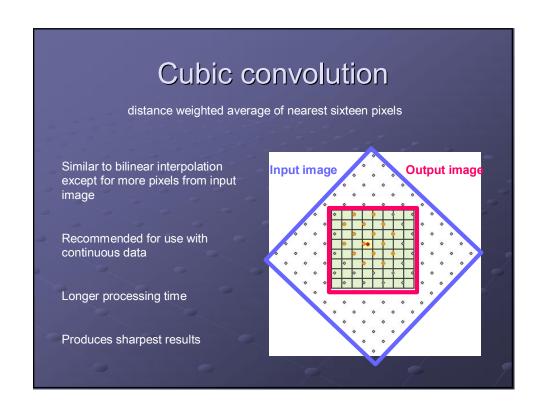
input raster will be a finer resolution

output raster will be a coarser resolution











Questions

- 1) When resampling pixel values the input image has a finer resolution while the ______ image has a coarser resolution.
- 2) Which resampling method calculates pixel value from the nearest pixel of the input image?
 - a. Nearest neighbor b. Bilinear interpolation c. Cubic convolution
- Which resampling method calculates pixel value from the distance weighted average of nearest four pixels of the input image?
 - a. Nearest neighbor b. Bilinear interpolation c. Cubic convolution
- 4) Which resampling method calculates pixel value from the distance weighted average of nearest sixteen pixels of the input image?
 - a. Nearest neighbor b. Bilinear interpolation c. Cubic convolution