<section-header><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item>











Z-Buffer

- Scanline algorithm
- Z-buffer algorithm:
 - 1. Store background colour in buffer
 - 2. For each polygon, scan convert and ...
 - 3. For each pixel
 - Determine if z-value (depth) is less than stored zvalue
 - If so, swap the new colour with the stored colour

Calculating Z • Start with the equation of a line 0 = A x + B y + C z + D• Solve for Z 2 = (-A x - B y - D) / C• Moving along a scanline, so want z at next value of x 2' = (-A (x+1) - b y - D) / C2' = z - A/C















