

ANSWER KEY

Decoding Space Images

Worksheet I: Simple Black and White Images

Decode the sequences by coloring each pixel in the bitmap below according to the binary code provided. Use white for 1 and black for 0. Note that each sequence corresponds to a row in the bitmap.

1111111111					
1000111111					
1000111111					
1101111101					
1101111001					
100000001					
100000001					
1101101011					
1011011101					
1111111111					



Now, encode the bitmap below by writing out the binary code sequences needed to create the bitmap. Again, use 1 for white and 0 for black.

1111011111					
0000100001					
1111011111					
0000100001					
1111011111					
1110001111					
1110001111					
1101110111					
1011111011					
0111111101					