ROUND 1

I was assigned Image #10, rows 3 and 4.

First pixel: row 3, column 1, RGB values: (159, 207, 224).

Extracting the hidden colour values using conversion to binary.

RED: 159 is 10011111 in binary.

The four least significant digits are 1111

These are the leading digits of the hidden colour value: 11110000

Converting 11110000 to decimal is 240

The hidden value for RED is 240

GREEN: 207 is 11001111 in binary.

The least significant digits are 1111

These are the leading digits of the hidden colour value: 11110000

Converting 11110000 to decimal is 240

The hidden value for GREEN is 240

BLUE: 224 is 11100000 in binary.

The least significant digits are 0000

These are the leading digits of the hidden colour value: 00000000

Converting 00000000 to decimal is 0

The hidden value for BLUE is 0

The hidden colour value is RGB 240, 240, 0

ROUND 2

Second pixel: row 3, column 2, RGB values: (79, 112, 192).

Extracting the hidden colour values using conversion to hexadecimal.

RED: 79 is 4F in hexadecimal.

The least significant digit is F

This is the leading digit of the hidden colour value: F0

Converting F0 to decimal is 240

The hidden value for RED is 240

GREEN: 112 is 70 in hexadecimal

The least significant digit is 0

This is the leading digit of the hidden colour value: 00

Converting 00 to decimal is 0

The hidden value for GREEN is 0

BLUE: 192 is C0 in hexadecimal.

The least significant digit is 0

This is the leading digit of the hidden colour value: 00

Converting 00 to decimal is 0

The hidden value for BLUE is 0

The hidden colour value is RGB 240, 0, 0

ROUND 3

Extracting the hidden colour values using operations in decimal.

1) Divide the decimal value by 16

The resultant value consists of an interger, representing the colour from the original image, that can be ignored and a fractional part, which represents the colour from the hidden image).

2) Divide the factional value by 0.0625

This determines how many 1/16ths the fractional part consists of.

3) Multiple by 16

This gives the colour value of the hidden image

Third pixel: row 3, column 3, RGB values: (79, 112, 192).

RED: 79

1) 79 / 16 = 4.9375

2) 0.9375 / 0.0625 = 15

3) 15 * 16 = 240

The hidden value for RED is 240

GREEN: 112

1) 112 / 16 = 7.0

2) 0 / 0.0625 = 0

3) 0 * 16 = 0

The hidden value for GREEN is 0

BLUE: 192

1) 112 / 16 = 7.0

2) 0 / 0.0625 = 0

3) 0 * 16 = 0

The hidden value for BLUE is 0.

The hidden colour value is RGB 240, 0, 0.

Fourth pixel: row 3, column 4, RGB values: (15, 32, 80).

RED: 15

1) 15 / 16 = 0.9375

2) 0.9375 / 0.0625 = 15

3) 15 * 16 = 240

The hidden value for RED is 240

GREEN: 32

1) 32 / 16 = 2.0

2) 0 / 0.0625 = 0

3) 0 * 16 = 0

The hidden value for GREEN is 0

BLUE: 80

1) 80 / 16 = 5.0

2) 0 / 0.0625 = 0

3) 0 * 16 = 0

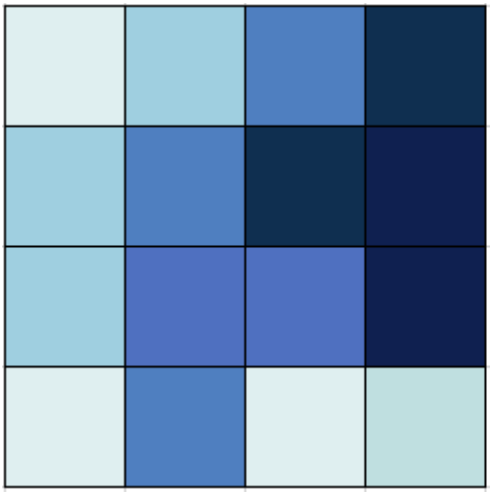
The hidden value for BLUE is 0.

The hidden colour value is RGB 240, 0, 0.

ROUND 4

I couldn’t find a posting in the forum from anyone who had been assigned the first two rows for image #10, so the results from all the 16 pixels I have obtained myself.

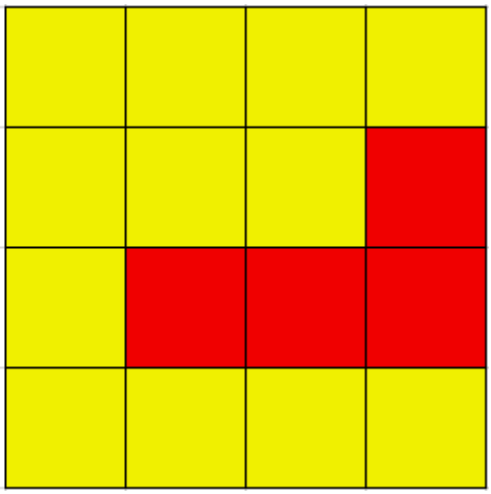
My initial image and colour values:



223 239 240	159 207 224	79 127 192	15 47 80
159 207 224	79 127 192	15 47 80	15 32 80
159 207 224	79 112 192	79 112 192	15 32 80
223 239 240	79 127 192	223 239 240	191 223 224

Hidden image colours values and image:

240 240 0	240 240 0	240 240 0	240 240 0
240 240 0	240 240 0	240 240 0	240 0 0
240 240 0	240 0 0	240 0 0	240 0 0
240 240 0	240 240 0	240 240 0	240 240 0

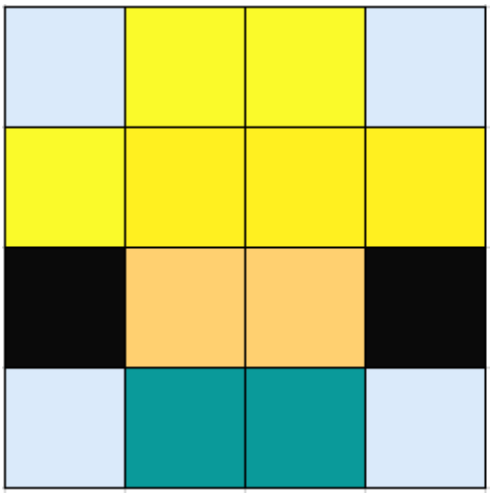


Corresponding Letter: E

I couldn’t find enough postings in the forum from people from all the different images, so the results from all the 11 images I have obtained myself.

IMAGE #1

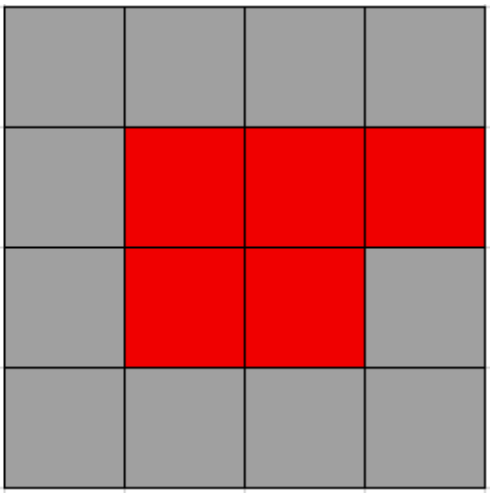
The initial image and colour values:



218 234 250	250 250 42	250 250 42	218 234 250
250 250 42	255 240 32	255 240 32	255 240 32
10 10 10	255 208 112	255 208 112	10 10 10
218 234 250	10 154 154	10 154 154	218 234 250

Hidden image colours values and image:

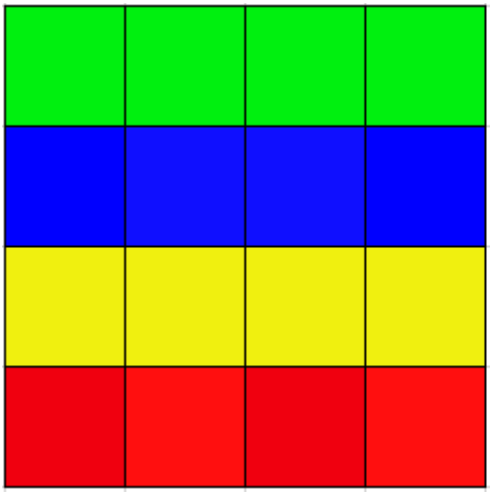
160 160 160	160 160 160	160 160 160	160 160 160
160 160 160	240 0 0	240 0 0	240 0 0
160 160 160	240 0 0	240 0 0	160 160 160
160 160 160	160 160 160	160 160 160	160 160 160



Corresponding Letter: G

IMAGE #2

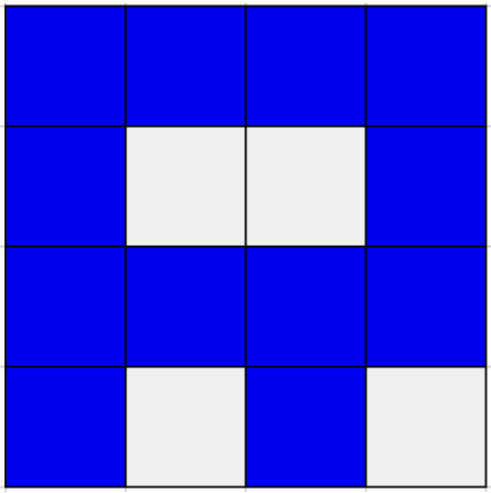
The initial image and colour values:



0 240 15	0 240 15	0 240 15	0 240 15
0 0 255	0 15 255	15 15 255	0 0 255
240 240 15	240 240 15	240 240 15	240 240 15
240 0 15	255 15 15	240 0 15	255 15 15

Hidden image colours values and image:

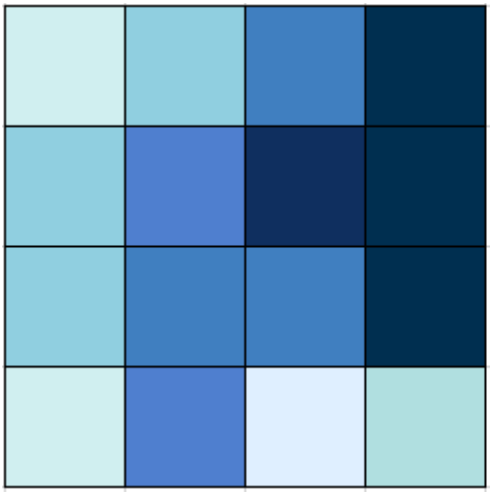
0 0 240	0 0 240	0 0 240	0 0 240
0 0 240	240 240 240	240 240 240	0 0 240
0 0 240	0 0 240	0 0 240	0 0 240
0 0 240	240 240 240	0 0 240	240 240 240



Corresponding Letter: R

IMAGE #3

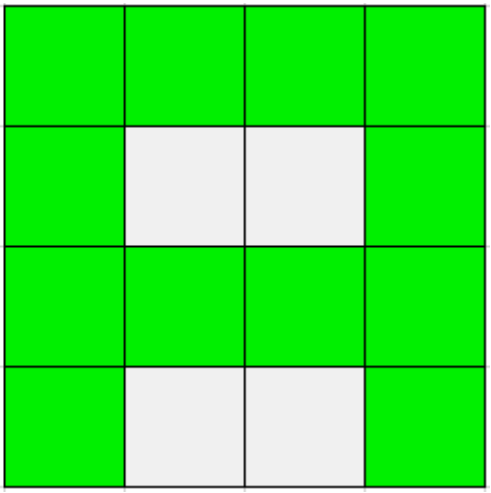
The initial image and colour values:



208 239 240	144 207 224	64 127 192	0 47 80
144 207 224	79 127 207	15 47 95	0 47 80
144 207 224	64 127 192	64 127 192	0 47 80
208 239 240	79 127 207	223 239 255	176 223 224

Hidden image colours values and image:

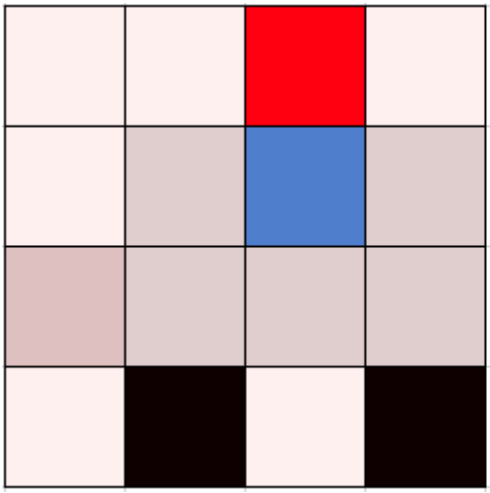
0 240 0	0 240 0	0 240 0	0 240 0
0 240 0	240 240 240	240 240 240	0 240 0
0 240 0	0 240 0	0 240 0	0 240 0
0 240 0	240 240 240	240 240 240	0 240 0



Corresponding Letter: A

IMAGE #4

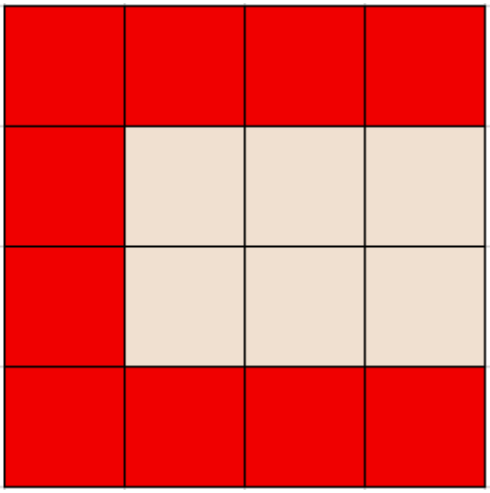
The initial image and colour values:



255 240 240	255 240 240	255 0 16	255 240 240
255 240 240	223 206 205	79 126 205	223 206 205
223 192 192	223 206 205	223 206 205	223 206 205
255 240 240	15 0 0	255 240 240	15 0 0

Hidden image colours values and image:

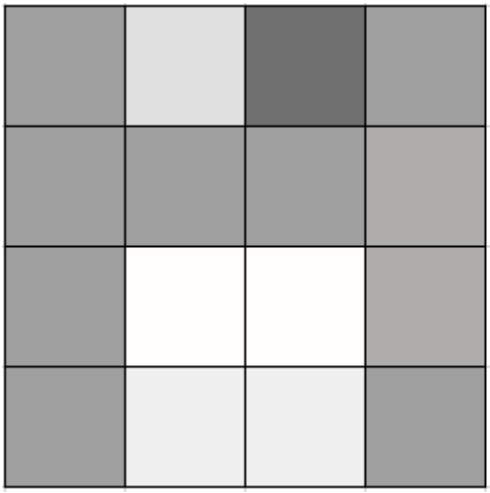
240 0 0	240 0 0	240 0 0	240 0 0
240 0 0	240 224 208	240 224 208	240 224 208
240 0 0	240 224 208	240 224 208	240 224 208
240 0 0	240 0 0	240 0 0	240 0 0



Corresponding Letter: C

IMAGE #5

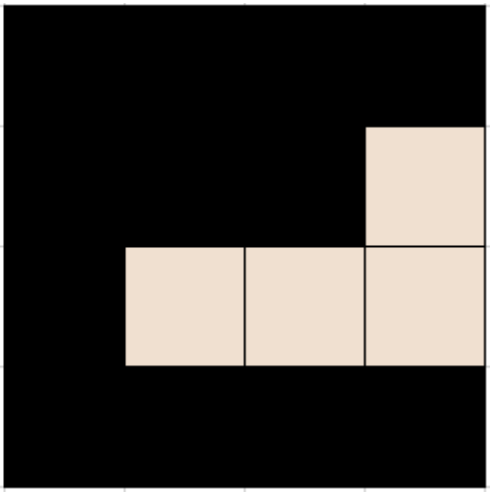
The initial image and colour values:



160 160 160	224 224 224	112 112 112	160 160 160
160 160 160	160 160 160	160 160 160	175 174 173
160 160 160	255 254 253	255 254 253	175 174 173
160 160 160	240 240 240	240 240 240	160 160 160

Hidden image colours values and image:

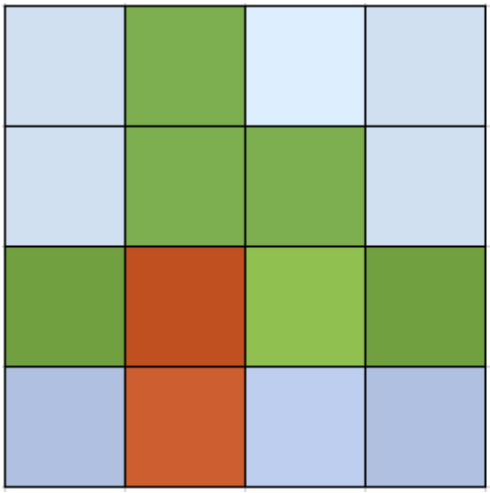
0 0 0	0 0 0	0 0 0	0 0 0
0 0 0	0 0 0	0 0 0	240 224 208
0 0 0	240 224 208	240 224 208	240 224 208
0 0 0	0 0 0	0 0 0	0 0 0



Corresponding Letter: E

IMAGE #6

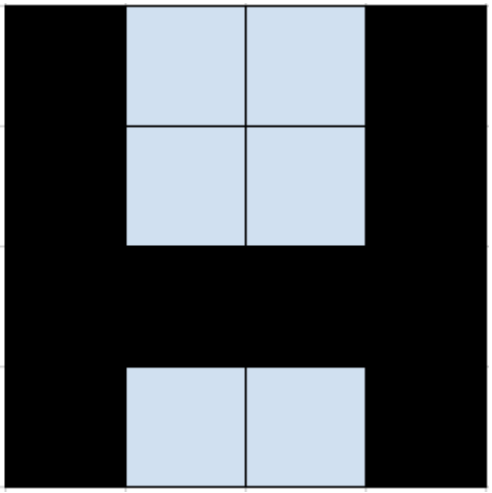
The initial image and colour values:



208 224 240	125 174 79	221 238 255	208 224 240
208 224 240	125 174 79	125 174 79	208 224 240
112 160 64	192 80 32	144 192 80	112 160 64
176 192 224	205 94 47	189 206 239	176 192 224

Hidden image colours values and image:

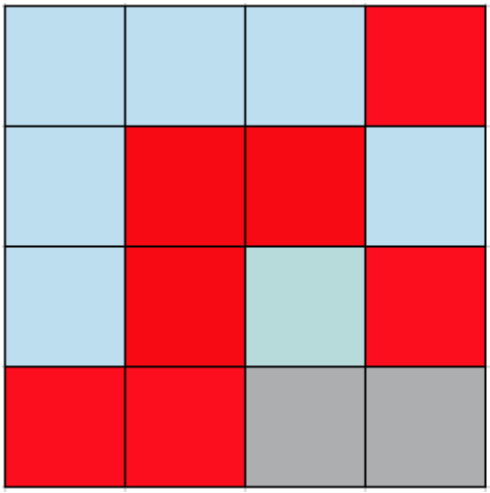
0 0 0	208 224 240	208 224 240	0 0 0
0 0 0	208 224 240	208 224 240	0 0 0
0 0 0	0 0 0	0 0 0	0 0 0
0 0 0	208 224 240	208 224 240	0 0 0



Corresponding Letter: H

IMAGE #7

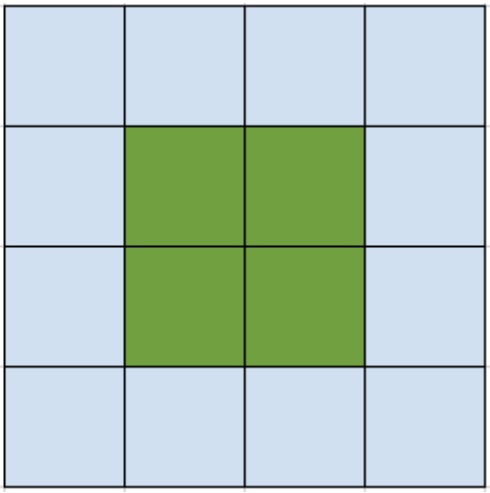
The initial image and colour values:



189 222 239	189 222 239	189 222 239	253 14 31
189 222 239	247 10 20	247 10 20	189 222 239
189 222 239	247 10 20	183 218 218	253 14 31
253 14 31	253 14 31	173 174 175	173 174 175

Hidden image colours values and image:

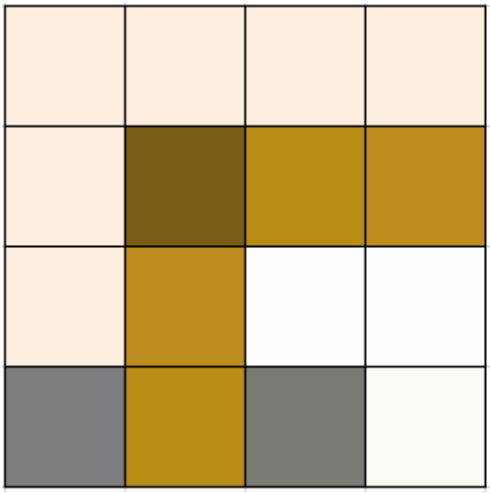
208 224 240	208 224 240	208 224 240	208 224 240
208 224 240	112 160 64	112 160 64	208 224 240
208 224 240	112 160 64	112 160 64	208 224 240
208 224 240	208 224 240	208 224 240	208 224 240



Corresponding Letter: O

IMAGE #8

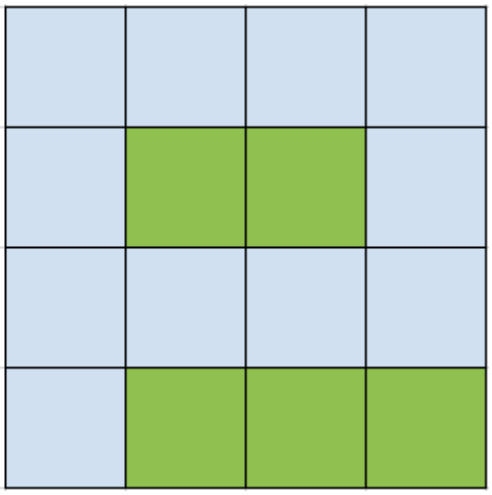
The initial image and colour values:



253 238 223	253 238 223	253 238 223	253 238 223
253 238 223	121 92 21	185 140 21	189 142 31
253 238 223	189 142 31	253 254 255	253 254 255
125 126 127	185 140 21	121 124 117	249 252 245

Hidden image colours values and image:

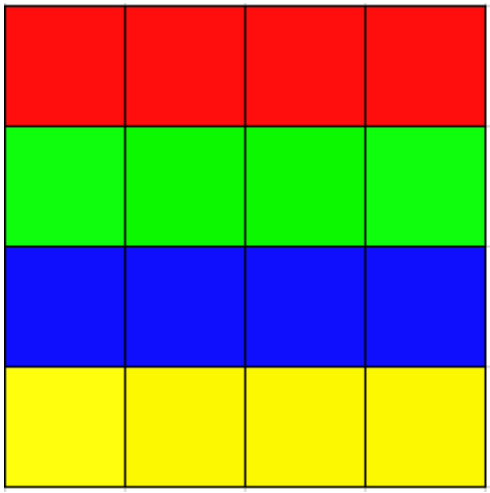
208 224 240	208 224 240	208 224 240	208 224 240
208 224 240	144 192 80	144 192 80	208 224 240
208 224 240	208 224 240	208 224 240	208 224 240
208 224 240	144 192 80	144 192 80	144 192 80



Corresponding Letter: P

IMAGE #9

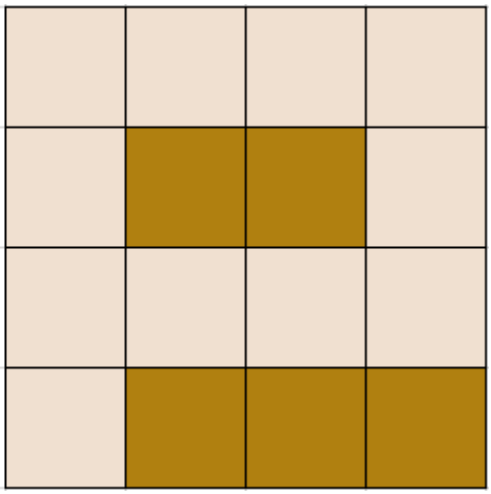
The initial image and colour values:



255 14 13	255 14 13	255 14 13	255 14 13
15 254 13	11 248 1	11 248 1	15 254 13
15 14 253	15 14 253	15 14 253	15 14 253
255 254 13	251 248 1	251 248 1	251 248 1

Hidden image colours values and image:

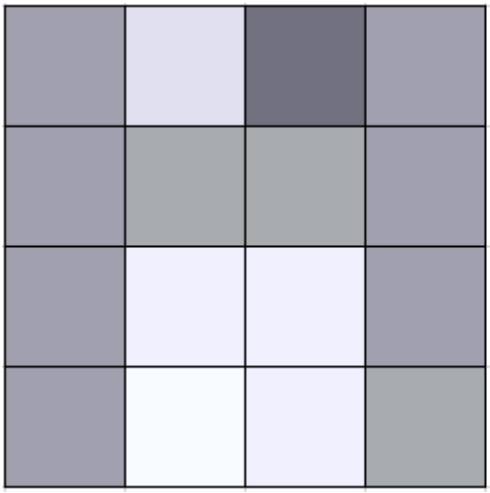
240 224 208	240 224 208	240 224 208	240 224 208
240 224 208	176 128 16	176 128 16	240 224 208
240 224 208	240 224 208	240 224 208	240 224 208
240 224 208	176 128 16	176 128 16	176 128 16



Corresponding Letter: P

IMAGE #11

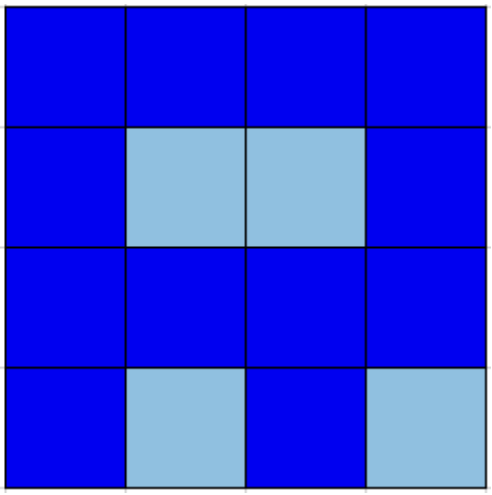
The initial image and colour values:



160 160 175	224 224 239	112 112 127	160 160 175
160 160 175	169 172 174	169 172 174	160 160 175
160 160 175	240 240 255	240 240 255	160 160 175
160 160 175	249 252 254	240 240 255	169 172 174

Hidden image colours values and image:

0 0 240	0 0 240	0 0 240	0 0 240
0 0 240	144 192 224	144 192 224	0 0 240
0 0 240	0 0 240	0 0 240	0 0 240
0 0 240	144 192 224	0 0 240	144 192 224



Corresponding Letter: E

Letters in order:

G, R, A, C, E, H, O, P, P, E, R