

```

[A]
[[1  2  4  8  16]
 [-2 2 -2 2 -2]
 [6 6 6 6 6]
 [4 20 -8 14 4]]

```

(a)

```

[A]
... 2  4  8  12]
...2  2 -2  2  1  1]
... 6  6  6  19]
... 20 -8 14 41]]

```

(b)