

```

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[1 0 0 0 0]
[0 0 0 0 0]
[0 0 0 0 0]
[0 0 0 0 0]
*****
[0 0 1 0 0]
[0 0 0 0 0]
[1 0 0 0 0]
[0 0 0 0 0]
[0 0 0 0 0]
*****
[0 0 0 1 0]
[0 0 0 0 0]
[0 0 0 0 0]
[1 0 0 0 0]
[0 0 0 0 0]
*****
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[0 0 0 0 0]
[0 0 0 0 0]
[1 0 0 0 0]
*****
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[0 0 1 0 0]
[0 1 0 0 0]
[0 0 0 0 0]
[0 0 0 0 0]
*****
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[0 0 0 1 0]
[0 0 0 0 0]
[0 1 0 0 0]
[0 0 0 0 0]
*****
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[0 0 0 0 1]
[0 0 0 0 0]
[0 0 0 0 0]
[0 1 0 0 0]
*****
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[0 0 0 0 0]
[0 0 0 1 0]
[0 0 1 0 0]
[0 0 0 0 0]
*****
[0 0 0 0 0]
[0 0 0 0 0]
[0 0 0 0 1]
[0 0 0 0 0]
[0 0 1 0 0]
*****
[0 0 0 0 0]
[0 0 0 0 0]
[0 0 0 0 0]
[0 0 0 0 1]
[0 0 0 1 0]
*****
[ 0 I 0 0 0]
[-I 0 0 0 0]
[ 0 0 0 0 0]
[ 0 0 0 0 0]

```

```

[ 0 0 0 0 0]
*****
[ 0 0 I 0 0]
[ 0 0 0 0 0]
[-I 0 0 0 0]
[ 0 0 0 0 0]
[ 0 0 0 0 0]
*****
[ 0 0 0 I 0]
[ 0 0 0 0 0]
[ 0 0 0 0 0]
[-I 0 0 0 0]
[ 0 0 0 0 0]
*****
[ 0 0 0 0 I]
[ 0 0 0 0 0]
[ 0 0 0 0 0]
[ 0 0 0 0 0]
[-I 0 0 0 0]
*****
[ 0 0 0 0 0]
[ 0 0 I 0 0]
[ 0 -I 0 0 0]
[ 0 0 0 0 0]
[ 0 0 0 0 0]
*****
[ 0 0 0 0 0]
[ 0 0 0 I 0]
[ 0 0 0 0 0]
[ 0 -I 0 0 0]
[ 0 0 0 0 0]
*****
[ 0 0 0 0 0]
[ 0 0 0 0 I]
[ 0 0 0 0 0]
[ 0 0 0 0 0]
[ 0 -I 0 0 0]
*****
[ 0 0 0 0 0]
[ 0 0 0 0 0]
[ 0 0 0 I 0]
[ 0 0 -I 0 0]
[ 0 0 0 0 0]
*****
[ 0 0 0 0 0]
[ 0 0 0 0 0]
[ 0 0 0 0 I]
[ 0 0 0 0 0]
[ 0 0 -I 0 0]
*****
[ 0 0 0 0 0]
[ 0 0 0 0 0]
[ 0 0 0 0 0]
[ 0 0 0 0 I]
[ 0 0 0 -I 0]
*****
[ 1/√2      0      0      0      0]
[           0 1/√2      0      0      0]
[           0      0 -1/√2      0      0]
[           0      0      0 -1/√2      0]
[           0      0      0      0      0      0]
*****
[ 1/√2      0      0      0]
[           0 -1/√2      0      0]

```

```

[      0      0 -1/√2      0      0]
[      0      0      0      0 1/√2      0]
[      0      0      0      0      0      0]
*****
[-1/√2      0      0      0      0]
[      0 1/√2      0      0      0]
[      0      0 -1/√2      0      0]
[      0      0      0 1/√2      0]
[      0      0      0      0      0]
*****
[1/√10      0      0      0]
[      0 1/√10      0      0]
[      0      0 1/√10      0]
[      0      0      0 1/√10      0]
[      0      0      0      0 -2/5*sqrt(10)]
*****

```