

Solution for 3.4 Links (Answer = PACMAN)

The Ks and Ps refer to Knit and Purl stitches in knitting. The idea is to knit the design; you can deduce that each row is 53 stitches long from the 53 at the start and end, and there being a convenient gap every 53 stitches. Pay careful attention to the fact that when you knit, you start at the bottom of the picture, and each new row, you not only go back the other way, but also invert the stitches, so a Knit is equivalent to a Purl the line before, and vice-versa. The final picture is:

```
.....
.....xxxxxx.....
...xxxxxxxxxxx.....
..xxx.xxxx.xxx.....
..xx...xx...xx.....xxxxx.....
..xx.xxxx.xxxx.....xxxxxxxxx.....
.xxx.xxxx.xxxx.....xxxxxxxxxxx.....
.xxx...xx...xxx.....xxxxxxxxxxx.....
.xxxx.xxxx.xxxx.....xxxxxxxxxxx.....
.xxxxxxxxxxxxxxxxx.....xxxxxxx.....xxx...xxx...xxx...
.xxxxxxxxxxxxxxxxx.....xxxxxxx.....xxx...xxx...xxx...
.xxxxxxxxxxxxxxxxx.....xxxxxxx.....xxx...xxx...xxx...
.xxxxxxxxxxxxxxxxx.....xxxxxxxxxxx.....
.xxxxxxxxxxxxxxxxx.....xxxxxxxxxxx.....
.xxxxxxxxxxxxxxxxx.....xxxxxxxxxxx.....
.xxxx.xxxx.xxxx.....xxxxxxxxxxx.....
.xxxx.xxxx.xxxx.....xxxxxx.....
..xx...xx...xx.....
.....
```

You should recognise this as Pacman.

Note: Many of you seemed to be able to identify it without half the rows (because you forgot either the reversing or inversion)