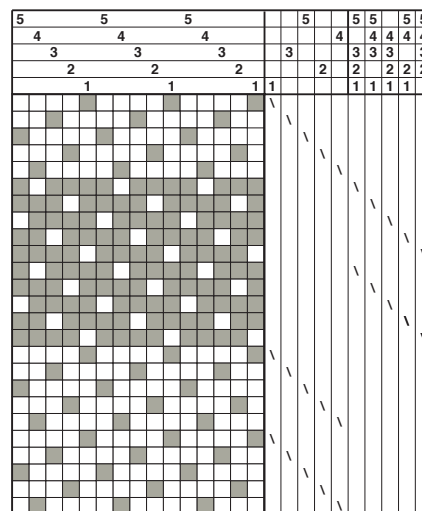*3.7 Eight-shaft irregular sateen. The first four picks are placed using 3 as the move number, the fourth by counting up 4 and the remaining three by counting down 3.*

3.8 Five-shaft sateen and satin stripes in the weft direction. The move number, 2 (up for the sateen and down for the satin), is the same for both.

structure on six shafts because there are relatively few ways of arranging six stitchers, but when ten or twelve are involved, having a few guidelines to follow helps.

Draft **3.7** is the draft for an eight-shaft irregular sateen. Here are the steps that were involved in making it: First the move number was chosen. Only move numbers 3 and 5 (equivalent, really, because they are mirror images of each other) produce regular satin on eight shafts; 3 was chosen. The first four entries use move number 3, counted upward as usual. The fifth was counted four upward; then the last three were placed using 3 but counting downward. Thus a single move number is used throughout except for the placement of the stitcher that breaks the rhythm. Experimentation shows that the number for the rhythm-breaking move is $n/2$, where n is even. When n is odd, experimentation seems to be the best course; if the move you have chosen places a stitcher on a shaft already lifted, go on by one or drop back one and see how that works. For any satin or sateen, never put two stitchers on the same shaft or diagonal to each other, and keep in mind that the first and last pick of a repeat lie side by side in the cloth because the last pick of a repeat is followed by the first pick of the next repeat.

Stripes

Stripes may be woven in which satin in one stripe alternates with sateen in the next, with the stripes running warpwise or weftwise. Weaving such a cloth with the changes from satin to sateen in the weft direction is simple. Changing from warp- to weft-faced fabric (here, weftwise stripes) involves changing the treadling, as we have seen. The break between satin and sateen must be a clean one: the last satin stitcher, a lowered end, must be