

step	$N'$	$D(v), p(v)$	$D(w), p(w)$	$D(x), p(x)$	$D(y), p(y)$	$D(z), p(z)$
0	u	2, u	5, u	1, u	$\infty$	$\infty$
1	ux	2, u	4, x		2, x	$\infty$
2	uxy	2, u	3, y			4, y
3	uxyv		3, y			4, y
4	uxyvw					4, y
5	uxyvwz					

**Table 5.1** ♦ Running the link-state algorithm on the network in Figure 5.3