



Node x table

		cost to			
		x	y	z	
from	x	0	2	7	→
	y	$\infty$	$\infty$	$\infty$	
	z	$\infty$	$\infty$	$\infty$	

		cost to			
		x	y	z	
from	x	0	2	3	→
	y	2	0	1	
	z	7	1	0	

		cost to			
		x	y	z	
from	x	0	2	3	→
	y	2	0	1	
	z	3	1	0	

Node y table

		cost to			
		x	y	z	
from	x	$\infty$	$\infty$	$\infty$	→
	y	2	0	1	
	z	$\infty$	$\infty$	$\infty$	

		cost to			
		x	y	z	
from	x	0	2	7	→
	y	2	0	1	
	z	7	1	0	

		cost to			
		x	y	z	
from	x	0	2	3	→
	y	2	0	1	
	z	3	1	0	

Node z table

		cost to			
		x	y	z	
from	x	$\infty$	$\infty$	$\infty$	→
	y	$\infty$	$\infty$	$\infty$	
	z	7	1	0	

		cost to			
		x	y	z	
from	x	0	2	7	→
	y	2	0	1	
	z	3	1	0	

		cost to			
		x	y	z	
from	x	0	2	3	→
	y	2	0	1	
	z	3	1	0	

Time

**Figure 5.6** ♦ Distance-vector (DV) algorithm in operation