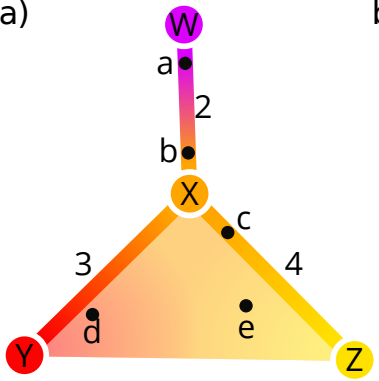
a)



b) Milestone network

from	to	length
W	X	2
X	Y	3
X	Z	4

Region of delayed commitment

region	to	is_begin
XYZ	X	TRUE
XYZ	Y	FALSE
XYZ	Z	FALSE

Milestone percentages

cell	milestone	percentage
a	W	0.9
a	X	0.1
b	W	0.2
b	X	0.8
c	X	0.8
c	Z	0.2
d	X	0.2
d	Y	0.7
d	Z	0.1
e	X	0.3
e	Y	0.2
e	Z	0.5

c)

$d(a, b) = 2 \times (0.9 - 0.2) = 1.4$
$d(a, c) = 2 \times 0.9 + 4 \times 0.2 = 2.6$
$d(b, c) = 2 \times 0.2 + 4 \times 0.2 = 1.2$
$d(a, d) = 2 \times 0.9 + 3 \times 0.7 + 4 \times 0.1 = 4.3$
$d(b, d) = 2 \times 0.2 + 3 \times 0.7 + 4 \times 0.1 = 2.9$
$d(c, d) = 3 \times (0.7 - 0) + 4 \times (0.2 - 0.1) = 2.5$
$d(a, e) = 2 \times 0.9 + 3 \times 0.2 + 4 \times 0.5 = 4.4$
$d(b, e) = 2 \times 0.2 + 3 \times 0.2 + 4 \times 0.5 = 3.0$
$d(c, e) = 3 \times (0.2 - 0) + 4 \times (0.5 - 0.2) = 1.8$
$d(d, e) = 3 \times (0.7 - 0.2) + 4 \times (0.5 - 0.1) = 3.1$

d)