

At x:  $y \infty$   
 $z \infty$

At y:  $x \infty$   
 $z \infty$

At z:  $x \infty$   
 $y \infty$

x broadcasts:  $\begin{pmatrix} y & 4 \\ z & 50 \end{pmatrix}$  to y & z

At x:  $y 4$   
 $z 50$

At y:  $x 4$   
 $z \min(1, 50+4) = 1$

At z:  $x 50$   
 $y \min(1, 4+50) = 1$

y broadcasts  $\begin{pmatrix} x & 4 \\ z & 1 \end{pmatrix}$  to x & z

At x:  $y 4$   
 $z \min(50, 4+1) = 5$

At y:  $x 4$   
 $z 1$

At z:  $x \min(50, 1+4) = 5$   
 $y 1$

z broadcasts

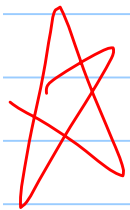
|   |   |
|---|---|
| x | 5 |
| y | 1 |

At x: y min(4, 5+1) = 4

|   |   |
|---|---|
| z | 5 |
|---|---|

y broadcasts

|   |                  |
|---|------------------|
| x | min(60, 5+1) = 6 |
| z | 1                |



At z: x min(6+1, 50) = 7

|   |   |
|---|---|
| y | 1 |
|---|---|

z broadcasts

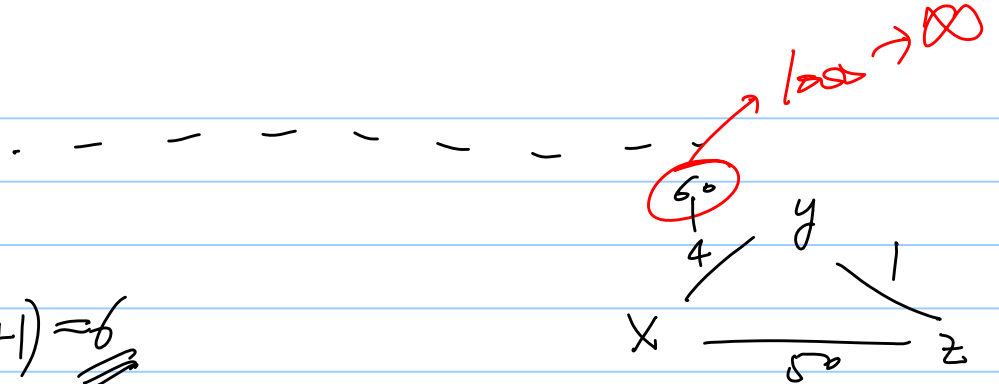
|   |   |
|---|---|
| x | 7 |
| y | 1 |

At y: x min(60, 1+7) = 8

|   |   |
|---|---|
| z | 1 |
|---|---|

y broadcasts

|   |   |
|---|---|
| x | 8 |
| z | 1 |



$$x: \min(50, 6+1) = 61$$

At z:  $x \xrightarrow[y]{\min(50, 8+1)} 9$

z broadcasts:

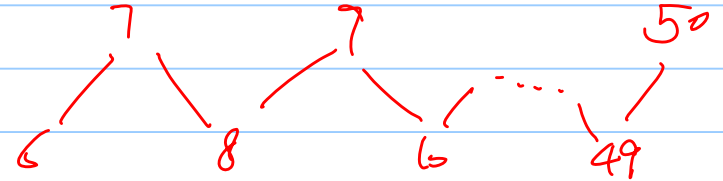
At y:  $x \longrightarrow 10$

y broadcasts:

At z:  $x \longrightarrow 11$

- - -  
- - -  
- - -

$\min(50, 50+1) = 50$



$49 - 5 = 44$

$4 \sim 60 \Rightarrow 44$