Find the maximum flow (and prove it is maximal)

S   T
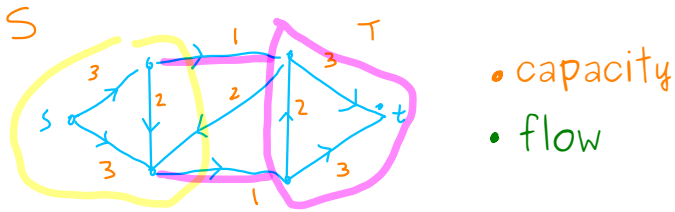
- capacity
- flow

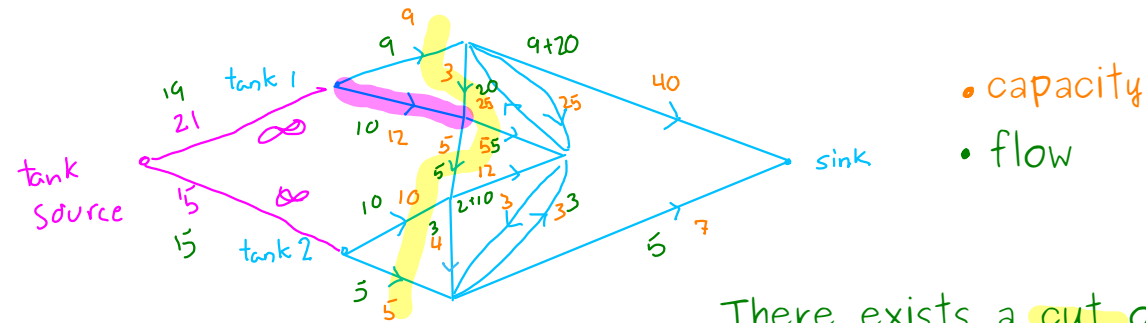### Minimum capacity for a cut is 2.

value 2
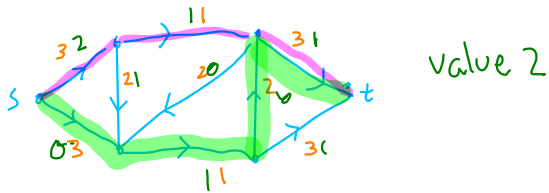
What if we allow to invert the flow in a pipe?
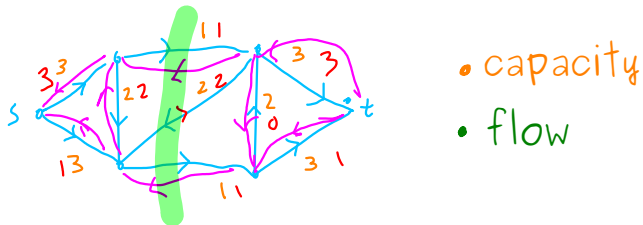
- capacity
- flow

Minimum cut of capacity 4

4.3.3 A kitchen sink draws water from two tanks according to the network of pipes with capacity per unit time shown below. Find the maximum flow.

- capacity
- flow

There exists a cut of capacity 34. There also exists a flow of value 34, which is thus maximal.

- capacity
- flow