```
6, 25, 24, 67, 4, 98
```

FIFO:

50-6 = 44

25-6 = 19

25-24= 1

67-24=43

67-4=63

98-4=94

44+19+1+43+63+94=266

SCAN:

50->98 = 48

98->4 = 94

48+94 = 142

C-SCAN

50->98 = 48

98->4 = 94

4->25 = 21

48+94+21 = 163

SSTF:

50->67 = 17

67->98 = 31

98->25 = 73

25->24 = 1

24-> 6 = 18

6->4 = 2

17+31+73+1+18+2 = 142

1, 2, 3, 2, 4, 5, 2, 3

FIFO:

PF PF PF   PF PF PF PF = **7PF**

	1	2	3	2	4	5	2	3
1	1	2	3	3	4	5	2	3
2		1	2	2	3	4	5	2
3			1	1	2	3	4	5

2nd chance:

PF PF PF   PF   PF   PF = **6PF**

1	1	2	3	3	4	2	5	5	3		1	3	2	1	5
2		1	2	2	3	4	2	2	5		2	1	3	2	1
3			1	1	2	3	4	4	2		3	2	1	3	2

LRU:

PF PF PF   PF PF   PF = **6 PF**

	1	2	3	2	4	5	2	3
1	1	2	3	2	4	5	2	3
2		1	2	3	2	4	5	2
3			1	1	3	2	4	5

Oppgave 3

3	3	4

CRY
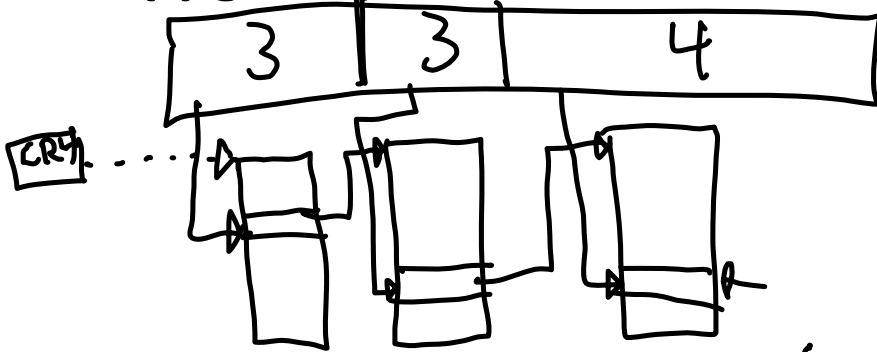
$$3+3 \text{ bit} \Rightarrow 2^6 = 64$$

$$2^3 \cdot 2^3 = 2^{3+3} = 2^6$$

$$2^4 = \underline{16}$$

$$\frac{2^8}{2^4} = 2^{8-4} = 2^4 = 16$$

$$16 \cdot x = 256$$

$$\frac{256}{16}$$

Oppgave 5

32 b

24
net-prefix

8
machine
ID

195.206.0.*

1. 33. 26. *

Oppgave 6
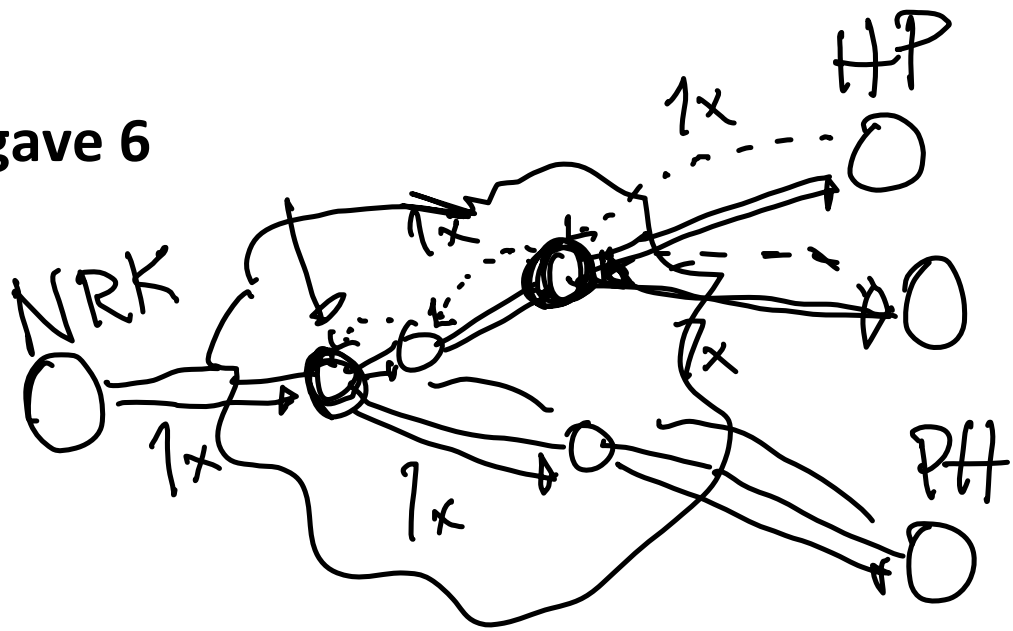
Oppgave 8

APP
PRES
SESJON
TRANS
NETT
LINK
FYS

Oppgave 9
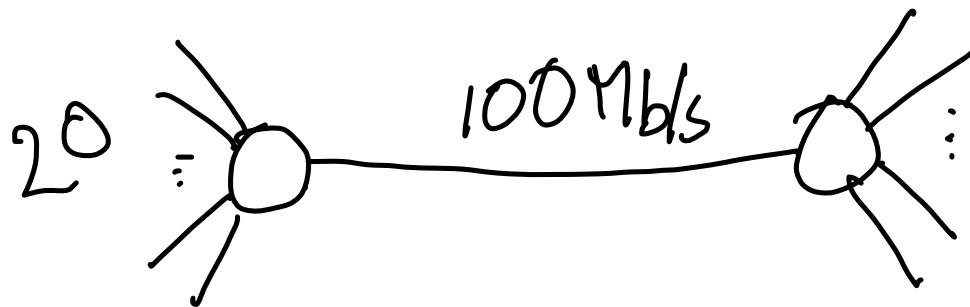
20 100Mb/s

$$\frac{10 \text{ Mb/s} \cdot 20\%}{100\%} = 2 \text{ Mb/s}$$

$$\frac{100 \text{ Mb/s}}{10 \text{ Mb/s}}$$

$$10 \cdot 2 \text{ Mb/s} = 20 \text{ Mb/s}$$

Pakke:

$$20 \cdot 2 \text{ Mb/s} = 40 \text{ Mb/s}$$

$$\frac{40}{100} = 40\%$$

$$\frac{20}{100} = 20\%$$