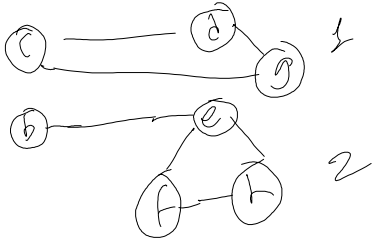


1. $V = \{a - h\}$



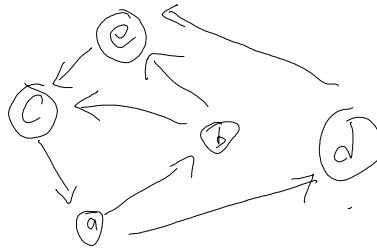
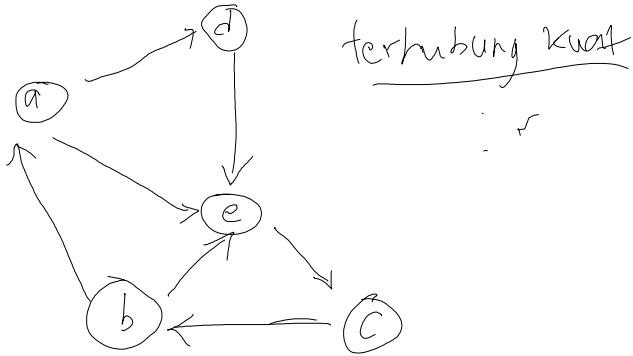
b. $G_1 = V \{b, e, f, h\}$

$E \{ (b,e), (e,f), (e,h), (f,h) \}$

$G_2 = V \{c, d, g\}$

$E \{ (c,d), (c,g), (d,g) \}$

2. $(a, d) (a, e)$



$$e = \frac{\text{sisi}}{\text{simpul}}$$

$$e = \frac{2}{2}$$

$310 = \frac{n \cdot r}{2}$ $24 \sqrt{620}$

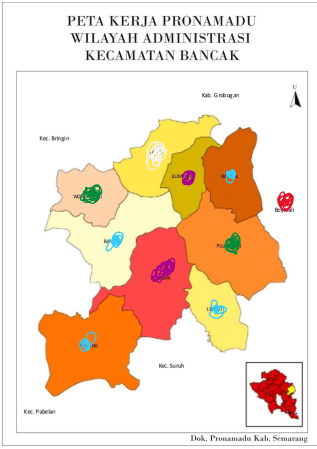
$620 = n \cdot r$

$\frac{620}{r} = n$

$r = 4$ # $r = 20$

$\frac{620}{4} = n$ $31 = n$

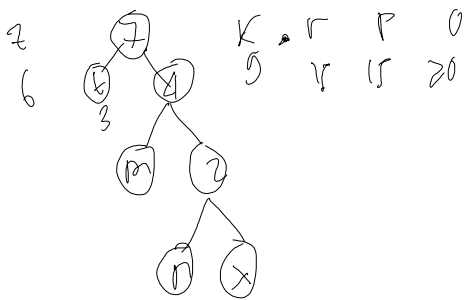
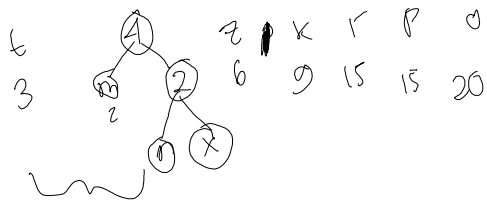
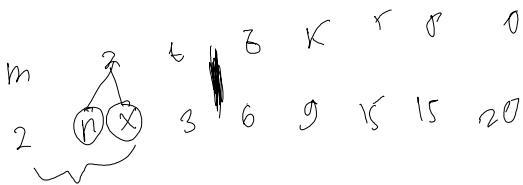
175 simpul // maksimum
31 simpul // minimum

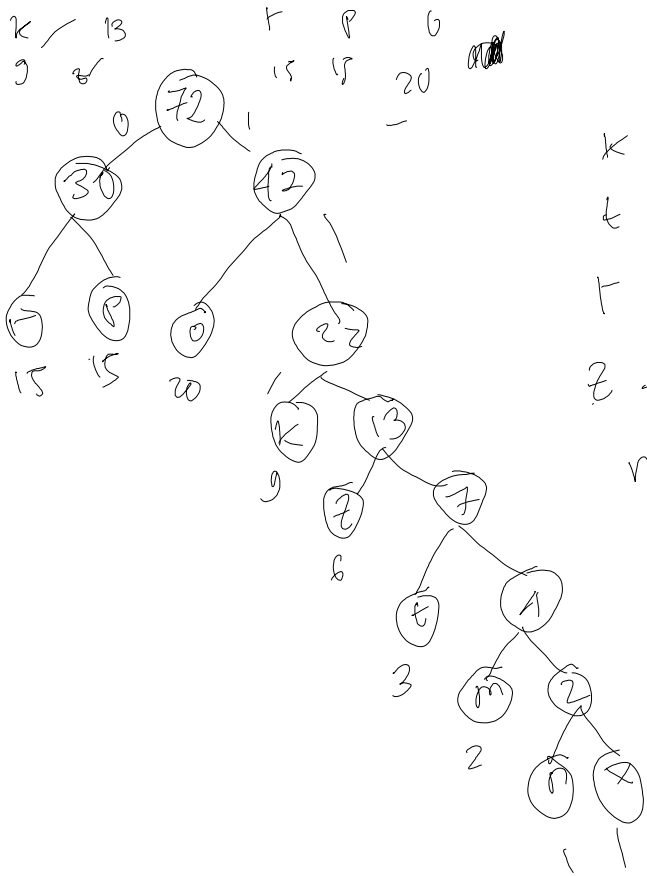


$$X(G) = 5 //$$

BYL	RAWAK	PLUM	LUM	RESO	BOTO	WONOROTO	LEMBU	BANTAL	PUCUNG
g	6	6	5	5	4	3	3	3	2
M	B	L	P	P	HIT	H	B	B	B

k	n	x	m	t	z	k	r	p	o
F	1	1	2	3	6	9	15	15	20





$$k = 110$$

$$t = 11110$$

$$r = 00$$

$$z = 1110$$

$$m = 111110$$

$$n = 1111110$$

$$x = 1111111$$

$$p = 01$$

$$o = 10$$

$$K_{app} = \left(1 - \frac{\text{kompres}}{\text{asli}}\right) \times 100$$

$$\begin{aligned} \text{asli} &= 72 \times 8 \\ &= 576 \end{aligned}$$

$$\begin{aligned} \text{kompres} &= 27 + 15 + 30 + 27 + 12 + 7 + 40 + 30 + 7 \\ &= 192 \end{aligned}$$

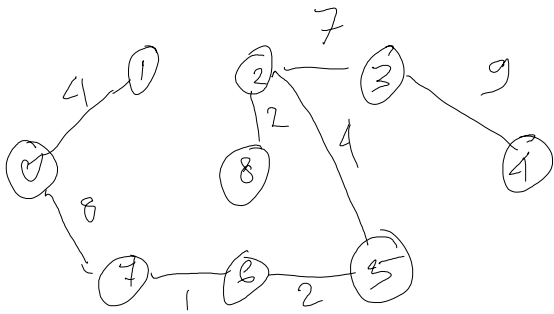
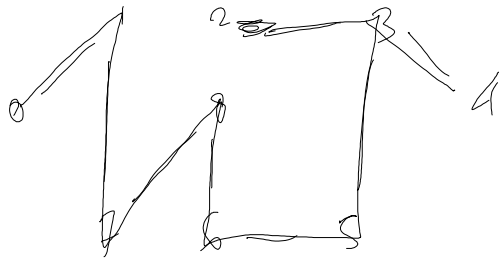
$$\left(\frac{576 - 192}{576} \right)$$

$$\frac{384}{576} \times 100$$

$$66.6\%$$

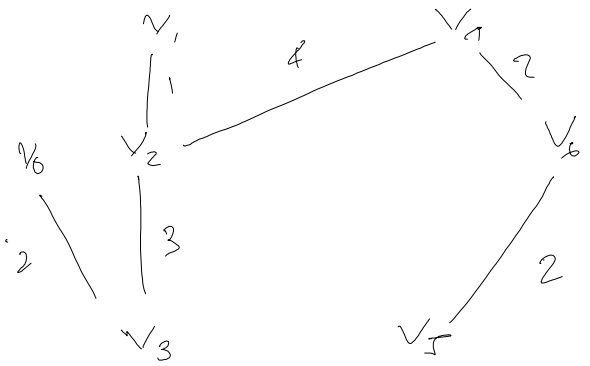
$$66.6\%$$

$$\approx 67\%$$



$$1 + 2 + 2 + 4 + 1 + 1 + 1 + 7 + 8 + 9$$

$\underbrace{\quad\quad\quad}_1 \quad \underbrace{\quad\quad\quad}_8$
 $\underbrace{\quad\quad\quad\quad\quad\quad\quad}_2$
 $\underline{\underline{37}}$



$$1 + 2 + 2 + 2 + 2 + 3 + 1 + 9$$

$\underbrace{\quad\quad\quad\quad\quad}_6 \quad \underbrace{\quad\quad}_7$
 $\underline{\underline{14}}$

	A	B	C	D	E	F	G	H	I
A	0	9 _A	4 _A	∞	∞	∞	∞	∞	∞
C		6 _C	∞	8 _C	∞	7 _C	∞	∞	∞
B			7 _B	13 _B	7 _B	∞	∞	∞	∞
F			7 _F	13 _F	∞	15 _F	12 _F	∞	∞
D				9 _D	∞	∞	15 _D	12 _D	∞
E					∞	∞	12 _E	12 _E	∞
G							∞	15 _G	∞
H									14 _H

A → C → B

A → C

A → C → B → D

A → C → B → D → E

A → C → F

A → C → B → D → E → G

A → C → F → H

A → C → F → H → I